AT&T Switched Ethernet Service[SM]
Wholesale ASR Job Aid
May 2021

This document is intended as an aid to AT&T customers for the purpose of ordering AT&T Switched Ethernet Service. Customers should also refer to the AT&T Interstate Access Guidebook, any applicable Broadband Services Agreements and OBF industry ordering documents and information, as appropriate. This document is provided solely as a convenience to AT&T's customers. It does not modify or supplement any rates, terms or conditions in a customer's service agreement, including any rates, terms or conditions contained in the AT&T Interstate Access Guidebook or any Broadband Services Agreement.

NOTE: This document has been approved for external distribution

Revision History:

- **March 2013** – Moved an Inside Move to an 'out-of-scope' type change
- **May 2013** – Added omitted 1Gbps NC code (02LNF.A03)
- **June 2013** – Added note about EVC CoS/CIR dependencies on UNI Port CoS/CIR
- **July 2013** – Added note about EVC CoS/CIR EVCs
- **August 2013** – Added 400M CIR and 250/500 MAC Address Enhancements
- **April 2014** – Added Port Based 10G NC Codes, updated charts information and added name of ASR Screens, removed "optional" from PNUMs, corrected information in charts, updated Change activity Section, added New NNI/UNI PORT with Enhanced Multicast Chart; and added Out of Scope ASR issuance process steps
- **May 2014** – Added Legacy ME and OEM services to ASE ASR information,
- **June 2014** – Updated West, Midwest, and Southwest Regions CCEA Format for New NNI/UNI Port with Collocation Interconnection/Cross Connect, added NOTE: REQTYP "S" and REQTYP "E" requirements to "NNI/UNI Port ASE Sample" and ASR Information", Updated charts to add missing fields (QSA, S25, QTY, BAN, and LCON and ACTEL, REMARKS) and updated REMARKS section on the Enhanced Multicast EVC Form.
- **July 2014** – Added Bullets to the (Exceptions) for Legacy ME and OEM services to ASE ASR in reference to Circuit ID will not be reused from the EXISTING ME / OEM CKT and New Circuit ID will be generated for the ASE Install ASR; added Individual Case Bases for Enhanced Multicast EVC.
- **August 2014** – Added the Supplement Table; Updated Out of Scope Process Steps for the Issuance of the ASRs with VLM- (MultiPoint) EVC; Updated East Region CCEA Format for New NNI/UNI Port with Collocation Interconnection/Cross Connect; Added Note to "Change UNI Port CIR bandwidth above 250M"; Added "Change UNI Port CIR bandwidth above 250M with EMUX in Route (same port connection)" to Complex Changes; Added Note to EVC Rehomes under Complex Changes; Added Note in reference to Accessible Letter: AT&T Switched Ethernet Service - EVC CIR / VLAN ID Change Request Process via email.
- **September 2014** – removed PIU 100 from NNI/UNI Port Disconnect and all Disconnects of Change Activities; Updated EVC EMCAST Section to include LREF 2 information, Updated EVC Disconnect section to add Note about MultiPoint EVC with over 20 Legs, Updated charts to show EXACT Update 49 (ICSES screen and SEI field).

- **December 2014** – Updated Supp Table on page 39, updated Account Team engagement for Simple Changes.
- **May 2015** – Add ASE InterLATA instructions
- **July 2015** - Added ASE Broadband Port, ASE Broadband Port Overview, Removed East information from New NNI/ UNI Port with Collocation Interconnection / Cross Connect
- **April 2016** – Added the ICEVL screen to all the EVC scenarios. Added SUPP steps for changing COMBO ASR to Standalone. Removed the Change Activity ASR Scenarios. Please see AT&T Switched Ethernet Service Wholesale Customer - Change Activity ASR Job Aid
- **October 2016** - Added Entrance Facility Construction information, added Enhanced ASR 1st Process information, added Note : 10G and PPCoS eligible for ASR 1st, corrected ASE Broadband NC Chart for 1G VLAN Based, updated NNI/UNI Disconnect to add SEI field and ICSES screen ; removed the SBDW field from the New NNI/UNI Port with Enhanced Multicast, added NOLSOLDNOTICE to the New NNI/UNI Port - ACTL/POP/Cell Site and PPCos charts
- **December 2016** – added new process for requesting Entrance Facility Construction offer.
- **January 2017** – added PPCoS EVC Request and added ICEVL screen to all EVC scenarios ; added Broadband EVC ; added Unsupported Request and Unsupported Locations for Enhanced ASR 1st Process ; added Note: EVC 1G limitation to EVC Section and to all applicable EVC scenarios
- **February 2017** – Removed VTA from EVC Scenarios, added LREF 2 and 3 to PPCoS EVC Scenario, added OTC to ICO NNI EVC Scenario; updated NNI/UNI Port Renewal scenario
- **March 2017 -** Removed OOR Out of Region from ASR 1st Unsupported Locations ; added Out of Region Scenario, added Note to the Supplement Table
- **May 2017 –** Updated the NNI/UNI Port EPP Contract Renewal Scenario ; added NNI/UNI EPP Contract Change (also added to the ASE Change Activity Job Aid) ; updated the NNI/UNI EPP Contract Change Scenario ; updated the Supplement Table ; ASR ; Rename NNI/UNI Port Broadband Service Agreement (BSA) Contract Renewal to NNI/UNI Port Broadband Service Agreement (BSA) Contract Extension ; updated the CNO to Blank on the NNI/UNI Broadband Service Agreement (BSA) Contract Change scenario.
- **June 2017 –** added new 10G ENNI information ; updated NC Code chart (10G Port Based and VLAN Based with new SECNCI
- **September 2017 –** added Operator Virtual Connection (OVC) Section ; updated AT&T Switched Ethernet ENNI in Product Overview
- **October 2017 –** Updated EVC Scenarios
- **February 2018 –** Added 100G NC, NCI, and SECNCI information ; updated all scenarios to incorporate CAFE ; added CAFE URL ; added ASE Request Type via CAFE
- **April 2018 –** Updated PPCoS EVC Scenario : new PPCOS field
- **June 2018 –** Updated New NNI/UNI Port with Collocation Interconnection (removed the CFA field and placed SE Example in the CCEA field)
- **August 2018** – added AUNT field to the Combo ASR Scenario ; updated the CCEA format for New NNI/UNI Port with Collocation Interconnection
- **October 2018** – Updated S-VLAN range in OVC Scenario ; added Project field to the Supp Table ; updated Combo ASR scenario -InterLATA EVC is prohibited ; removed the ASR Exhibit
- **February 2019** – Minor updates to the Job Aid Scenarios ; added Note to New EVC Request for adding UNI to Existing Multipoint EVC
- **July 2019** – Updated the Supplement Table
- **October 2019** – Updated Entrance Facility Construction Section ; removed GETO field from scenarios ; updated ASR Submission (removed BUPM); Removed BUPM from all Scenarios
- **December 2019** – Added Expedite Request to ASR 1st Enhanced Process (page 24)

- **May 2021 –** Added Variable Term Agreement Indicator (VTAI), Implementation Contact Email (IMPCON EMAIL), and Call Before Dispatch (CBD) to all Scenarios; updated 100G NCI Code Chart

This document shall apply to each region shown in the chart below.

ILEC Name	States
AT&T Midwest Region	AT&T Illinois
	AT&T Indiana
	AT&T Michigan
	AT&T Ohio
	AT&T Wisconsin
AT&T Southeast Region	AT&T Alabama
	AT&T Florida
	AT&T Georgia
	AT&T Kentucky
	AT&T Louisiana
	AT&T Mississippi
	AT&T North Carolina
	AT&T South Carolina
	AT&T Tennessee
AT&T West Region (NB)	AT&T Nevada
AT&T West Region (CA)	AT&T California
AT&T Southwest Region	AT&T Arkansas
	AT&T Kansas
	AT&T Missouri
	AT&T Oklahoma
	AT&T Texas

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Product Overview

AT&T Switched Ethernet Service is a switched Ethernet transport service that provides advanced Ethernet functionality using fiber and copper access technology combined with a switched Ethernet core network. AT&T Switched Ethernet Service provides full duplex transport of data signals between a customer's premises and an Ethernet switch in an AT&T central office in selected Metropolitan Service Areas (MSA).

AT&T Switched Ethernet Service Broadband Port offers Ethernet connectivity for customers with multiple locations in a variety of configurations to meet customer's needs with flexibility to grow and adapt as their needs change:

- 1Gbps Electrical Port (RJ45) with auto-negotiation to 10/100Mbps
- Asymmetric speed tiers offered in 6 sizes (Downstream/Upstream Mbps): 3/1, 6/1, 12/1.5, 18/1.5, 24/3, and 45/6. Symmetric speed tiers offered in 2 sizes: 2Mbps and 4Mbps
- Single class of service
- Ethernet Private Line (EPL/EVPL) for connections between two locations
- Virtual Private LAN Service (VPLS) for connections between 3 or more locations
- Supports EVC connection to ASE Basic and PPCOS port connections, as well as meetpoints
- Port defined bandwidth profile supports EVC bandwidth oversubscription

AT&T Switched Ethernet Service External Network to Network Interface (ENNI)

- Please see Account Manager for ordering if not set up for Enhanced ASR 1st Process
- Available through the Enhanced ASR 1st Process: NOSOLDNOTICE
- Compatible with industry standard ENNI (External Network to Network Interface) as specified by the Metro Ethernet Forum (MEF) in their specifications MEF 26.1 (ENNI) and MEF 33 (Ethernet Access Services).
- Available for in-region, in-franchise locations only (No LNS; no SPORT)
- Available to Wholesale customers only
- New NNI implementations only
- Supports subscriber UNI end point types currently supported in ASE (Classic ASE Fiber, ASEoCu or ASEoLS, ASE OOR).
- Existing ASE CoS profiles and SLAs are supported and will be strictly applicable to the AT&T OVCs (UNI-to-ENNI).
- Terminates in the Ciena 3960 NTE; requires one Ciena 3960 per ENNI
- Supports Access Ethernet Private Line (EPL) and Access Ethernet Virtual Private Line (EVPL) configurations
- Supports point-to-point OVCs only
- Fixed Class-of-Service (CoS) only; Per-Packet Class of Service not available
- New SECNCI **02CXF.NXC**
- Restrictions
    - ASEoBB
    - AIR (CNO begins with 'AS+ACNA')
    - Out of Franchise
    - Not available in Out of Region (OOR) territories. (SW99)
    - Combo ASR
    - Direct LEC (Meet Point UNI)
    - EoCU

- AAF (NNJ)
- PPCoS

Ordering Overview

Access Service Requests (ASRs) will be used to process customer service orders for AT&T Switched Ethernet Service ordered from a Broadband Services Agreement (BSA) or the AT&T Interstate Access Guidebook. This document contains information necessary to correctly populate an ASR for new or change order activity for AT&T Switched Ethernet Service.

The ASR will identify the user network interface, routing method and CIR requested for AT&T Switched Ethernet Service. AT&T Switched Ethernet Service has unique ordering requirements. A physical port must be ordered from each end-user location, IXC/ISP POP, cell site or MTSO into the switched Ethernet core network that is accessed at the AT&T central office (C.O.).

Once the physical ports are ordered, Ethernet Virtual Connections (EVCs) connect the physical ports to one another via logical links within the network.

Customer Reference

This guideline describes the fields generally required to process an ASR for AT&T Switched Ethernet Service UNI ports and EVCs. This guideline does not describe every field that may be needed to successfully submit an AT&T Switched Ethernet Service ASR to AT&T. If more detailed ASR instructions are needed, please refer to the Access Service Ordering Guide (ASOG) or contact Telecordia for formal ASR training.

- **ASR Submission – For ASRs that are using the Service Inquiry** process, AT&T will contact the customer and advise when to submit AT&T Switched Ethernet Service ASR to AT&T. Issuing the ASR prior to this notification will cause EXACT flow-thru issues that may trigger the need to cancel and reissue the original ASR.

Class Of Service Arrangements

There are two classes of service arrangements:

1. Basic Class of Service (Cos) – Provides transport of data using a fixed class of service for each Ethernet virtual connection.
2. Per Packet Class of Service (PPCoS) – Provides transport of data with variable classes of service within an Ethernet virtual connection.

Classes Of Services (SPEC Code)

Class of Service (CoS) establishes the performance characteristics of the network that are suitable for certain applications. Each AT&T Switched Ethernet Service Port will have a single CIR and CoS associated with it. CoS options have a hierarchy and are listed from “highest” to “lowest” based on network prioritization and performance which are described as follows:

Basic CoS

a. **Real-Time:** Supports applications that require minimal loss, are latency-sensitive and require low latency variation (jitter), including voice and video. The service parameters associated with Real-Time CoS are Packet Delivery Rate (PDR), Latency, Jitter and Network Availability.

b. **Interactive:** Supports high-priority business data applications or jitter-sensitive applications such as video. The service parameters associated with Interactive CoS are PDR, Latency, Jitter, and Network Availability.

c. **Business Critical-High:** Supports most business data applications with moderate tolerance for delay and which are less sensitive to jitter and have a higher priority than Business Critical-Medium.

d. **Business Critical-Medium:** Supports most business data applications with moderate tolerance for delay and which are less sensitive to jitter. The service parameters associated with Business Critical-Medium CoS are PDR, Latency, and Network Availability.

e. **Non-Critical High:** Supports low priority business applications with more tolerance for delay and availability. The service parameters associated with Non-Critical High CoS are PDR, Latency, and Network Availability.

f. **Non-Critical Low:** Supports lowest priority traffic. NOTE: Only available with Per Packet Class of Service (PPCoS).

Per Packet CoS (PPCoS) (SPEC Code)

a) **Multimedia High:** Allows customer to designate up to 100% of the port CIR as 'Real Time' and remaining percentage can be divided among any and/or all remaining classes of service. Remaining percentage must be lower than the Real-Time percentage ordered.

b) **Multimedia Standard:** Allows customer to designate up to 50% of the port CIR as 'Real Time' and reaming percentage can be divided among any and/or all remaining classes of service. Remaining percentage must be lower than the Real Time percentage ordered.

c) **Critical Data:** Allows customer to designate up to 80% of the port CIR as 'Business Critical-High' and the remaining percentage can be divided among any and/or all remaining classes of service.

d) **Business Data:** Allows customer to designate up to 90% of the port CIR as 'Business Critical-Medium' and the remaining percentage can be divided among any and/or all remaining classes of service.

Broadband (SPEC Code)

a) **Broadband Basic**: Allows customer to transport data across Port using Speed Tiers

Service Codes

Classes of Service (COS) – USOCs

Basic COS	9-State	13-State
Non Critical High	OEMNH	EL7NX
Business Critical Medium	OEMBM	EL7BX
Business Critical High	OEMBH	EL7BH
Interactive	OEM1A	EL7XX
Real Time	OEMRT	EL7RX

PPCoS	9-State	13-State
Multimedia High	OEMMH	EL7MH
Multimedia Standard	OEMMS	EL7MS
Critical Data	OEMCX	EL7CX
Business Data	OEMDX	EL7DX

Basic Class of Service (CoS) Service Product Enhancement Codes (SPEC)

Class of Service (CoS)	Spec Code	MAC Qty	Packet Delivery Rate (PDR)	Latency (One Way)	Jitter
Real Time	OEMAR1	250	99.995%	5ms	3ms
	OEMAR3	251 - 500			
Interactive	OEMAT1	250	99.95%	13ms	10ms
	OEMAT3	251 - 500			
Business Critical High	OEMAB1	250	99.9%	20ms	Not Offered
	OEMAB3	251 - 500			

Class of Service (CoS)	Spec Code	MAC Qty	Packet Delivery Rate (PDR)	Latency (One Way)	Jitter
Business Critical-Medium	OEMAM1	250	99.9%	30ms	Not Offered
	OEMAM3	251 - 500			
Non-Critical High	OEMAN1	250	99.5%	50ms	Not Offered
	OEMAN3	251 - 500			

NOTE: Used for both UNI Ports and EVCs.
NOTE: For further clarification, review the Carrier Coding Guide (CCG) and/or Access Service Ordering Guide (ASOG).

Per Packet Class of Service (PPCoS) Service Product Enhancement Codes (SPEC)

Class of Service (CoS)	Spec Code	MAC Addresses
Multimedia High	OEMAP1	250
	OEMAP2	251 - 500
Multimedia Standard	OEMAP3	250
	OEMAP4	251 - 500
Critical Data	OEMAP5	250
	OEMAP6	251 - 500
Business Data	OEMAP7	250
	OEMAP8	251 - 500

NOTE: For further clarification, review the Carrier Coding Guide (CCG) and Access Service Ordering Guide (ASOG).

ASE Broadband Port Service Product Enhancement Codes (SPEC)

Class of Service (CoS)	Spec Code	MAC Qty	Packet Delivery Rate (PDR)	Latency	Jitter
Broadband Basic	OEMBB1	64	99.6%	30 – 65 ms Round trip	30 – 80 ms Round trip

Product Elements

- **Port Connection** - Provides the physical transport facilities from the customer's premises to an Ethernet switch at the AT&T central office. Available at transmission speeds of **100 Mbps, 1 Gbps, 10 Gbps, and 100Gbps**. (NOTE: A NNI/UNI port connection circuit cannot be disconnected until all associated Ethernet Virtual Circuits are disconnected.)
    - **Port-Based UNI** – Supports one EVC
    - **VLAN-Based UNI** – Supports multiple EVCs

- **Committed Information Rate (CIR)** - Provides the bandwidth available on a Customer Port Connection. CIR is available per Customer Port Connection in increments from 2 Mbps to 10,000 Mbps and is provided by Network Channel Code (NC)

- **MAC Addresses** – Ranges from 250 to 500 addresses per Customer Port Connection. (251 - 500 MAC addresses charges are applicable)

- **Ethernet Virtual Circuit (EVC)** - Provides a logical channel to enable the flow of Ethernet traffic for point-to-point (P2P) and multi-point (MTP) customer configurations. **EVCs are not billable.**
    - P2P EVCs – Set in 1 Mbps increments from 2 Mbps to 2 Gbps.
    - MTP EVCs – Set in 1 Mbps increments from 2 Mbps to 1 Gbps.

Per Customer Port Connection	EVCs for P2P or MTP Service
100 Mbps	Up to 8 EVCs
1Gbps	Up to 64 EVCs
10 Gbps	Up to 508 EVCs

- **Regenerator (Applicable if Needed per Engineering)** – Provides detection and retransmission of Ethernet signals when the fiber facility distance between AT&T central offices exceed design limits. (NOTE: There could be more than one regenerator charge per Order.)

Ethernet Payment Plan (EPP) (VTA)

To subscribe to AT&T Switched Ethernet Service the customer must select one of the EPP options shown below.

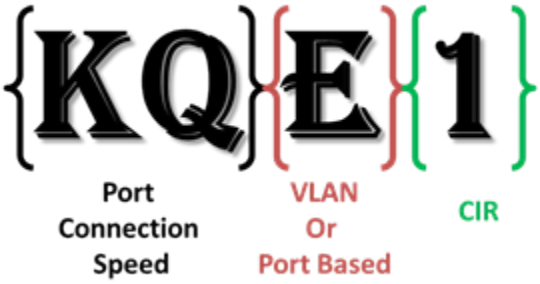
Ethernet Payment Plan Options				
12 Months	24 Months	36 Months	48 Months	60 Months

NOTES:

- An EPP month-to-month (M2M) option is not available
- The M2M extension term rate is only available after an EPP term has been fulfilled.

NC Codes

NC Code Breakdown



Ethernet 100 Mbps (Electrical/Based T Port) – Port Based with CIR Options

NC	Port CIR Speed (4TH Position)	Permissible NCI/SECNCI Options
KQAJ	2 Mbps	*NCI Electrical Interface* 04LN9.1CT (100 Base T) *SECNCI* 02CXF.1GE (Central Office)
KQAK	4 Mbps	
KQAM	5 Mbps	
KQAL	8 Mbps	
KQA1	10 Mbps	
KQA2	20 Mbps	
KQA5	50 Mbps	
KQA-	100 Mbps	

NOTE: NC = Network Channel; NCI = Network Channel Interface; SECNCI = Secondary Network Channel Interface (SECNCI) Codes

Ethernet 100 Mbps (Electrical/Based T Port) - VLAN Based with CIR Options

NC	Port CIR Speed (4TH Position)	Permissible NCI/SECNCI Options
KQEK	2 Mbps	NCI Electrical Interface 04LN9.1CT (100 Base T) *SECNCI* 02CXF.1GE (Central Office)
KQEL	4 Mbps	
KQEJ	5 Mbps	
KQEM	8 Mbps	
KQE1	10 Mbps	
KQE2	20 Mbps	
KQE5	50 Mbps	
KQE-	100 Mbps	

Ethernet 1 Gbps (Electrical or Optical Port) - Port Based CIR Options

NC	Port CIR Speed (4TH Position)	Permissible NCI/SECNCI Options
KRB2	2 Mbps	*NCI Electrical Interface* 08LN9.1GE (1000 Base T) *NCI Optical Interfaces* 02LNF.A02 (1000 Base LX) 02LNF.A03 (1000 Base ZX) 02LNF.A04 (1000 Base SX) 02QBF.K02 (Collocation/1000 Base) *SECNCI* 02CXF.1GE (Central Office)
KRB4	4 Mbps	
KRBA	5 Mbps	
KRB8	8 Mbps	
KRBB	10 Mbps	
KRBD	20 Mbps	
KRBJ	50 Mbps	
KRA1	100 Mbps	
KRAB	150 Mbps	
KRAA	250 Mbps	
KRA4	400 Mbps	

KRA5	500 Mbps	
KRA6	600 Mbps	
KRA0	1000 Mbps (1 Gbps)	

Ethernet **1 Gbps** (Electrical or Optical Port) - **VLAN Based** with CIR Options

NC	Port CIR Speed (4TH Position)	Permissible NCI/SECNCI Options
KRF2	2 Mbps	*NCI Electrical Interface* 08LN9.1GE (1000 Base T) *NCI Optical Interfaces* 02LNF.A02 (1000 Base LX) 02LNF.A03 (1000 Base ZX) 02LNF.A04 (1000 Base SX) 02QBF.K02 (Collocation/1000 Base) *SECNCI* 02CXF.1GE (Central Office)
KRF4	4 Mbps	
KRFA	5 Mbps	
KRF8	8 Mbps	
KRFB	10 Mbps	
KRFD	20 Mbps	
KRFJ	50 Mbps	
KRE1	100 Mbps	
KREB	150 Mbps	
KREA	250 Mbps	
KRE4	400 Mbps	
KRE5	500 Mbps	
KRE6	600 Mbps	
KRE0	1000 Mbps (1 Gbps)	

Ethernet **10 Gbps** (Optical Port) - **Port Based** with CIR Options

NC	Port CIR Speed (4TH Position)	Permissible NCI/SECNCI Options
KSA1	1000 Mbps	*NCI Optical Interfaces* 02LNF.A02 (10G Base LR SMF/10000 Base LX) 02LNF.A03 (10G Base ER SMF/10000 Base ZX) 02LNF.A04 (10G Base SR MMF/10000 Base SX) 02QBF.K02 (Collocation/10000 Base) *SECNCI* 02CXF.10G (Central Office) 02CXF.NXC (ENNI)
KSA2	2000 Mbps	
KSAD	2500 Mbps	
KSA4	4000 Mbps	
KSA5	5000 Mbps	
KSAJ	7500 Mbps	
KSAL	9500 Mbps	
KSA-	10000 Mbps	

Ethernet **10 Gbps** (Optical Port) - **VLAN Based** with CIR Options

NC	Port CIR Speed (4TH Position)	Permissible NCI/SECNCI Options
KSE1	1000 Mbps	*NCI Optical Interfaces* 02LNF.A02 (10G Base LR SMF/10000 Base LX) 02LNF.A03 (10G Base ER SMF/10000 Base ZX) 02LNF.A04 (10G Base SR MMF/10000 Base SX) 02QBF.K02 (Collocation/**10000** Base) *SECNCI* 02CXF.10G (Central Office) 02CXF.NXC (ENNI)
KSE2	2000 Mbps	
KSED	2500 Mbps	
KSE4	4000 Mbps	
KSE5	5000 Mbps	
KSEJ	7500 Mbps	
KSEL	9500 Mbps	
KSE-	10000 Mbps	

Ethernet **100 Gbps** (Optical Port) - **Port Based** with CIR Options

NC	Port CIR Speed (4TH Position)	Permissible NCI/SECNCI Options
KUAB	10 Gbps	*NCI Optical Interfaces* 02LNF.CE4 (1000 Base ER, SMF 40km Optic Reach, 1310 nm) 02LNF.CL4 (1000 Base LR, SMF 10km Optic Reach, 1310 nm) 02LNF.CSX (1000 Base SR, for MMF 100m Optic Reach, 850 nm) 02QBF.CL4 (Collocation/SMF 10km Optic Reach, 1310 nm) SECNCI 02CXF.1HG (Central Office)
KUAC	15 Gbps	
KUAD	20 Gbps	
KUAE	25 Gbps	
KUAF	30 Gbps	
KUAG	35 Gbps	
KUAH	40 Gbps	
KUAJ	45 Gbps	
KUAK	50 Gbps	
KUAM	60 Gbps	
KUAP	70 Gbps	
KUAR	80 Gbps	
KUAT	90 Gbps	
KUA-	100 Gbps	

Ethernet **100 Gbps** (Optical Port) – **VLAN Based** with CIR Options

NC	Port CIR Speed (4TH Position)	Permissible NCI/SECNCI Options
KUEB	10 Gbps	*NCI Optical Interfaces* 02LNF.CE4 (1000 Base ER, SMF 40km Optic Reach, 1310 nm) 02LNF.CL4 (1000 Base LR, SMF 10km Optic Reach, 1310 nm) 02LNF.CSX (1000 Base SR, for MMF 100m Optic Reach, 850 nm) 02QBF.CL4 (Collocation/SMF 10km Optic Reach, 1310 nm) *SECNCI* 02CXF.1HG (Central Office)
KUEC	15 Gbps	
KUED	20 Gbps	
KUEE	25 Gbps	
KUEF	30 Gbps	
KUEG	35 Gbps	
KUEH	40 Gbps	
KUEJ	45 Gbps	
KUEK	50 Gbps	
KUEM	60 Gbps	
KUEP	70 Gbps	
KUER	80 Gbps	
KUET	90 Gbps	
KUE-	100 Gbps	

NC Codes for ASE Broadband Port

NC	Opt1	Opt2	Definition
KR	**Ethernet, Rate-Adjustable Gigabit Ethernet (Full Duplex)**		
	J		**Rate based on Ethernet Switch, Asymmetric/Symmetric Data Services**
	KRJA		3 Mbps Downstream – 1 Mbps Upstream
	KRJB		6 Mbps Downstream – 1 Mbps Upstream
	KRJC		12 Mbps Downstream – 1.5 Mbps Upstream
	KRJD		18 Mbps Downstream – 1.5 Mbps Upstream
	KRJE		24 Mbps downstream – 3 Mbps upstream
	KRJF		45 Mbps downstream – 6 Mbps upstream
	KRJ2		2 Mbps Downstream – 2 Mbps Upstream
	KRJ4		4 Mbps Downstream – 4 Mbps Upstream
KR	**Ethernet, Rate-Adjustable Gigabit Ethernet (Full Duplex)**		
	G		**Rate based on Ethernet Switch Facility supporting EVC service multiplexing - Asymmetric/Symmetric Data Services**
	KRGA		3 Mbps Downstream – 1 Mbps Upstream
	KRGB		6 Mbps Downstream – 1 Mbps Upstream
	KRGC		12 Mbps Downstream – 1.5 Mbps Upstream
	KRGD		18 Mbps Downstream – 1.5 Mbps Upstream
	KRGE		24 Mbps Downstream – 3 Mbps Upstream
	KRGF		45 Mbps Downstream – 6 Mbps Upstream
	KRG2		2Mbps Downstream – 2 Mbps Upstream
	KRG4		4 Mbps Downstream – 4 Mbps Upstream

NCI/SECNCI Codes

Network Channel Interface (NCI) and Secondary Network Channel Interface (SECNCI) Codes:

NCI Code 04LN9.1CT (Used with 100 Mbps Electrical)		
04	=	Four Conductors (4-wire)
LN	=	Local Area Network Interface
9	=	100 Ohms
1CT	=	100 Base-T Ethernet

NCI Code 08LN9.1GE (Used with 1 Gbps Electrical)		
08	=	Eight Conductors (4-wire)
LN	=	Local Area Network Interface
9	=	100 Ohms
1GE	=	1000 Base-T Ethernet

NCI Codes 02LNF.A02 or A04 (Used with 1 Gbps Optical)		
02	=	Two Conductors (2-fiber)
LN	=	Local Area Network Interface
F	=	Fiber
A02	=	1310 nm, Single-mode Fiber (1000 Base LX/LH)
A03	=	1550 nm, Single-mode Fiber (1000 Base ZX)
A04	=	850 nm, 50 micron Multi-mode fiber (1000 Base SX)

NCI Codes 02LNF.A02, A03 or A04 (Used with 10 Gbps Optical)		
02	=	Two Conductors (2-fiber)
LN	=	Local Area Network Interface
F	=	Fiber
A02	=	1310 nm, Single-mode Fiber (10000 Base LX)
A03	=	1550 nm, Single-mode Fiber (10000 Base ZX)
A04	=	850 nm, 50 micron Multi-mode fiber (10000 Base SX)

NCI Codes 02LNF.A02, A03 or A04 (Used with 100 Gbps Optical)		
02	=	Two Conductors (2-fiber)
LN	=	Local Area Network Interface
F	=	Fiber
CSX	=	100GBASE-SR10: Multi-Mode Fiber with 100m optic reach, 850 nm
CL4	=	100GBASE-LR4: Single Mode Fiber with 10km optic reach, 1310 nm
CE4	=	100GBASE-ER4: Single Mode Fiber with 40km optic reach, 1310 nm

NCI Codes 02QBF.K02, CE4, or CL4 (Collocation)		
02	=	Two conductors (2-fiber)
QB	=	Central Office manual cross connect termination with no sub-rating capability for non-multiplexed facilities only
F	=	Fiber
K02	=	1310 nm, single-mode fiber
CL4	=	100GBASE-LR4, 100 Gbps PHY using 100GBASE-R encoding over four WDM lanes via two single-mode fibers, with Reach up to at least 10 km per IEEE 802.3ba-2010

SECNCI Code 02CXF.1GE (Central Office Termination)		
02	=	Two conductors (2-fiber)
CX	=	Digital termination on a switch
F	=	Fiber
1GE	=	1 Gigabit Ethernet (User to Network Interface (UNI))

SECNCI Code 02CXF.10G (Central Office Termination)		
02	=	Two conductors (2-fiber)
CX	=	Digital termination on a switch
F	=	Fiber
10G	=	10 Gigabit Ethernet (User to Network Interface (UNI)

SECNCI Code 02CXF.NXC (10G ENNI)		
02	=	Two conductors (2-fiber)
CX	=	Digital termination on a switch

F	=	Fiber
NXC	=	10 Gigabit External Network to Network Interface (ENNI)

SECNCI Code 02CXF.1HG (100G)		
02	=	Two conductors (2-fiber)
CX	=	Digital termination on a switch
F	=	Fiber
1HG	=	100 Gigabit Ethernet (User to Network Interface (UNI))

NCI/SECNCI Codes for ASE Broadband Port

Network Channel Interface (NCI) and Secondary Network Channel Interface (SECNCI) Codes:

NCI Code 08LN9.1GA (Used with 1 Gbps Electrical)		
08	=	Eight Conductors (4-wire)
LN	=	Local Area Network Interface
9	=	100 Ohms
1GA	=	1000 Base-T Ethernet w/Auto Negotiation

SECNCI Code 02CXF.1GE (Central Office Termination)		
02	=	Two conductors (2-fiber)
CX	=	Digital termination on a switch
F	=	Fiber
1GE	=	1 Gigabit Ethernet

Valid NC/NCI/SECNCI Combinations

NC Code	Location	NCI	SECNCI
KQA(*) And KQE(*)	AC/EU to CO	04LN9.1CT	02CXF.1GE
KRB(*), KRA(*), KRF(*) And KRE(*)	AC/EU to CO	08LN9.1GE 02LNF.A02 02LNF.A03 02LNF.A04 02QBF.K02	02CXF.1GE
KSE(*)	AC/EU to CO	02LNF.A02 02LNF.A03 02LNF.A04	02CXF.10G
KRA0, KRE0,KSA(*) and KSE(*)	CO to Cage	02LNF.A02 02LNF.A03 02LNF.A04 02QBF.K02	02CXF.1GE 02CXF.10G
KUA(*), KUE(*)	AC or EU to CO	02LNF.CSX, 02LNF.CL4, 02LNF.CE4	02CXF.1HG

KUA(*), KUE(*)	CO to CO	02QBF.CL4	02CXF.1HG

NOTE: (*) 4th position will specify CIR
NOTE: AC = Access Customer (POP) CO = Central Office EU = End User
NOTE: In some situations if the configuration would be EU-EU or EU-CO, and that does not show as a valid combination, but there is an AC-EU or AC-EU, that can be used as a valid combination (Assumption is one EU is acting as the AC or the EU is acting as an AC when going to a CO).

Valid NC/NCI/SECNCI Combinations for ASE Broadband Port

NC Code	Location	NCI	SECNCI
KRJ (*)	AC or EU to CO	08LN9.1GA	02CXF.1GE
KRG (*)	AC or EU to CO	08LN9.1GA	02CXF.1GE

NOTE: (*) 4th position will specify CIR
NOTE: AC = Access Customer (POP) CO = Central Office EU = End User
NOTE: In some situations if the configuration would be EU-EU or EU-CO, and that does not show as a valid combination, but there is an AC-EU or AC-EU, that can be used as a valid combination (Assumption is one EU is acting as the AC or the EU is acting as an AC when going to a CO).

CLCI S/S codes (access only) for ASE Broadband Port

KRFP	Access	Identifies rate adjustable 1 Gbps Ethernet service delivered at a customer selected rate. **Intrastate:** The interstate usage is less than 10% interstate as determined by the "PIU" FID, or for Feature Group A services, the "UTNT" FID initially indicated less than 10% interstate usage. User to Network interface (UNI) Switch Termination per MEF 10.1. Asymmetric Services.
KRGP	Access	Identifies rate adjustable 1 Gbps Ethernet service delivered at a customer selected rate. **Interstate:** The interstate usage is more than 10% interstate as determined by the "PIU" FID, or for Feature Group A services, the "UTNT" FID initially indicated more than 10% interstate usage. User to Network interface (UNI) Switch Termination per MEF 10.1. Asymmetric Services.

Interexchange Customer Service Center (ICSC) Codes

State	ICSC Code	State	ICSC Code
Alabama	SC01	Arkansas	SW10
California (North)	SW04	California (South)	SW02
Florida (North)	SB03	Dallas	SW60
Georgia	SB01	Florida (South)	SB04
Illinois	LB02	Houston	SW70
Kansas	SW20	Indiana	NB01
Kentucky	SC02	Kansas City	SW30
Michigan	MB01	Louisiana	SC03
Nevada	SW06	Mississippi	SC04
Ohio	OB01	North Carolina	SB02
San Antonio	SW80	Oklahoma	SW50
St Louis	SW40	South Carolina	SB02
Wisconsin	WT33	Tennessee	SC05
Out of Region	SW99		

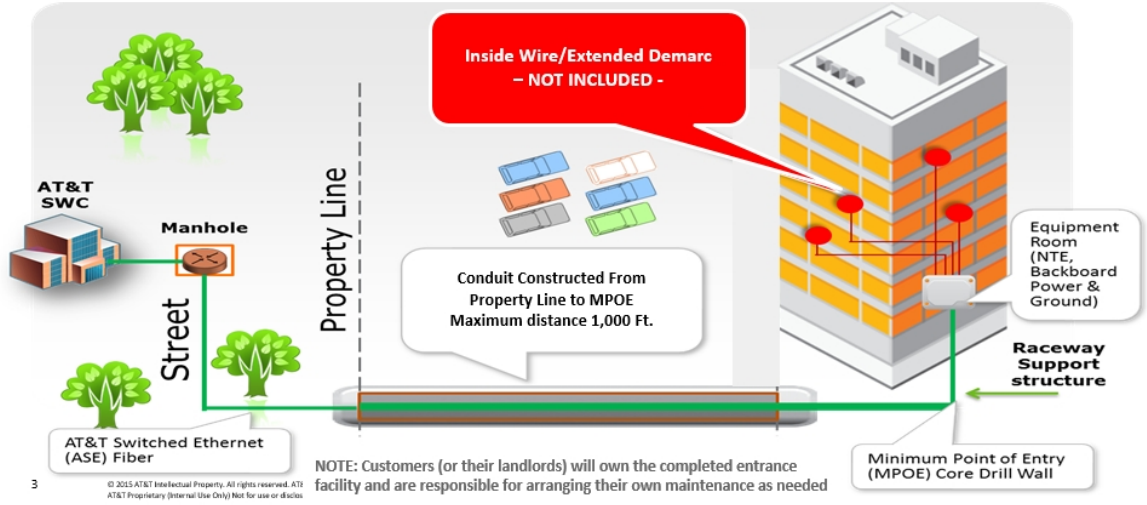
AT&T Switched Ethernet Entrance Facility Construction (EFC) Offer

AT&T will now construct fiber access entrance facilities for eligible customers.
The offer includes the following:

1. up to 1,000 feet of conduit.
2. core drilling and weatherproofing of the entrance facility.
3. interior support structure,
4. backboard for mounting Network Terminating Equipment (NTE),
5. dedicated power outlet and ground for the NTE

Starting June 10, 2019, customers who order AT&T Switched Ethernet will receive Entrance Facility Construction (EFC) at no cost on eligible orders

NOTE: Nothing needs to be placed on the ASR to receive EFC. It will be determined at Site Visit



- IMPCON_EMAIL – Implementation Contact Email
- VTAI & OEC_VTAI – Variable Term Agreement Indicators (it appears only one needs to be populated).
- A = New Variable Term Agreement
- B = Re-Term existing Variable Term Agreement with new start dates
- C = Retain existing Variable Term Agreement with NO changes

If the customer populates CBD field ( ), a new USOC will be added to the order to trigger the tech to call in advance of the visit. 4 new USOCs were implemented for Advanced Customer Notification on DS1, DS3, ADE and ASE ASRs. When the CBD field on the ASR is populated with a valid value a new USOC will appear as the last entry in the S&E section of the service order. The USOC represents: ADVANCED NOTIFICATION PRIOR TO TECHNICIAN DISPATCH REQUIRED- XX HOURS

- Hours vary depending on what the customer selects

o If CBD = 1-24 or A1-A24 = AVR24 USOC will be applied to service order (call 1 - 24 hours in advance)
o If CBD = 25-48 or A25-A48 = AVR48 USOC will be applied to service order (call 25 - 48 hours in advance)
o If CBD = 49-72 or A49 -A72 = AVR72 USOC will be applied to service order (call 49 - 72 hours in advance)
o If CBD = 73-99 or A73-A99 = AVR7X USOC will be applied to service order (call 73 -99 hours in advance)

ASR Information

The following are ASR examples for ordering AT&T Switched Ethernet Service. The examples do not necessarily represent all possible configurations or the ASR fields required to order AT&T Switched Ethernet Service. Please refer to the Access Service Ordering Guideline (ASOG) for additional ASR details.

Effective December 11, 2017, CAFE has replaced WAO as AT&Ts 21 State Access Ordering tool. All functionality has been moved to CAFE at
https://portal.wholesale.att.com/cafe1/
All existing WAO User profiles have been migrated to CAFÉ.

For CAFÉ training: https://primeaccess.att.com/shell.cfm?section=4822

NOTE: **There are a few rules for choosing the correct Request Type for ASE using CAFÉ.**

- **Ethernet Virtual Connection – Standalone (REQTYP S):** Is an **EVC Only** request and the EVCI field will be populated with "A"

- **Switched Ethernet Services (REQTYP S):** Is a **Port Only** Request that is terminated in a Central Office, Carrier Hotel, or RBOC – SEI field will be populated with "Y"

- **Switched Ethernet Services (REQTYP E):** Is a **Port Only** Request – SEI field will be populated with "Y"

- **Switched Ethernet Services Combo EVC (REQTYP E):** Is a **Port and EVC** request – SEI field will be populated with "Y and EVCI field will be populated with a "B"

- **Switched Ethernet Services Combo EVC (REQTYP S):** Is a **Port and EVC** request – SEI field will be populated with "Y and EVCI field will be populated with a "B

Reqtype S is only required if you are terminating in one of the following:

1. Collocated in our AT&T COs
2. At CXR(Carrier) Hotel
3. In NPE controlled building (a traditional RBOC POP's only)

Reqtype E can be used for all other sites our IXC call POP/NNI/Host sites, in other words, you as a customer are in the habit of using REQTYP S for your personal locations and this is NOT a requirement and it adversely affects how ASE service is provisioned by CANOPI/IDIS

Enhanced ASR 1st Process

Enhanced ASR 1st is a process improvement that eliminates Service Inquiry or Presale Account Manager support. It allows you the customer to submit an ASR for ASE Service which then drops directly to Network for design, Site Visit, and Implementation.

This process reduces the E2E Cycle time by a minimum of 14 calendar days and Confirmation received by 20th calendar day of a clean ASR.

The **CNO of NOSOLDNOTICE** triggers the ASR 1st Process

You must first notify your account team of your intent to use the Enhanced ASR 1st process. Your account team will complete a brief, one-time customer set-up procedure. You should not submit ASRs via the Enhanced ASR 1st process until your account team advises you that the one-time set-up procedure is complete.

NOTE: Effected on October 17, 2016 on Accessible Letters CLECSE16-091, CLECALL 16-039, Per Packet Class of Service (PPCoS) arrangements when ordering single egress scheduler; and 10G Port Connection ASRs can now be submitted using the ASR 1st Process (also known as NOSOLDNOTICE)

Unsupported Requests

- New REQ Type S requests
- Change requests (including Disconnects)
- Custom Work Order (CWO) requests
- Route Other Than Normal (ROTN) requests (including Special Routing)
- Diversity Arrangements requests
- Ports that require EVC greater than 1G (requires Pre-Sale approval)
- 10G Port-based Port

Unsupported Locations

- Collocations (i.e. AT&T Serving Wiring Center) locations (REQ Type S)
- Point of Presence (POP) locations (REQ Type S)
- Out of Franchise (OOF) locations includes Service Provider Outside Regular Territory [SPORT] Center)
- Residential locations
- Meet-Point and Cross-Boundary locations
- Ethernet to the Cell Site (ETTCS) locations

Note: If you are unsure your location qualifies, check with your Account Team.

Expedited Requests: Effective January 6, 2020, AT&T will provide customers with the ability to request expedites on active AT&T Switched Ethernet Service (ASE) service orders. This new expedite policy allows customer to request improved service due date on a confirmed due date, using the ASR First process.

- Populate the ***EXP*** field with "Y" (an Expedite Request),

AT&T will review each individual Expedite Request and, in its sole discretion, determine if the due date can be improved.

NOTE: Not all requests will result in a due date improvement.

NOTE: Each Expedite Request will result in an Expedite Order Charge even if the due date is not improved.

USOC Charge: NRFSW

Note: Reference - AT&T Switched Ethernet Service Guide: SD-1.4.7 Expedite Request Charge

AT&T Switched Ethernet Entrance Facility Construction:

Effective June 10, 2019, Solution Providers submitting their own ASRs **no longer need to populate the GETO field with "F"** to request AT&T's Entrance Facility Construction (EFC) offer for AT&T Switched Ethernet Service

New NNI/UNI Port - ACTL/POP/Cell Site

New NNI/ UNI Port – ACTL/POP/Cell Site to AT&T Switched Ethernet Service Switch	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T
REQTYP	S**D**
ACT (Activity)	N (New request)
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type Request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	ACTL CLLI assigned to customer POP/Cell Site
APOT (NTE CLLI)	**Leave Blank** *(AT&T CLLI assigned to Ciena equip)*
SPEC	See 'Code' Section
REMARKS	Any additional information needed
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address
NC Validation Tab	Populated NC, NCI, and SECNCI and click Validate All - Continue

CFA Validation Tab	Click Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*

New NNI/UNI Port – End User

NOTE: 10G Port-based ports and Ports that require EVCs greater than 1G are not supported by Enhanced ASR 1st Process; and requires Pre-Sale approval

New UNI Port – End User to AT&T Switched Ethernet Service Switch	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T or NOSOLDNOTICE
REQTYP	E**D**
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type Request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
APOT (NTE CLLI)	**Leave Blank** *(AT&T CLLI assigned to Ciena equip)*
SPEC	See 'Code' Section
REMARKS	Any additional information needed
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates

ASR Field/Form	ASR Field Entry Value
	C = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

New NNI/UNI Port with Collocation Interconnection

New NNI/ UNI Port with Collocation Interconnection / Cross Connect	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T
REQTYP	SD
ACT (Activity)	N (New request)
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type Request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100

QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	ACTL CLLI assigned to customer POP/Cell Site
APOT (NTE CLLI)	**Leave Blank** *(AT&T CLLI assigned to Ciena equip)*
SPEC	See 'Code' Section
REMARKS	Any additional information needed
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Populate CCEA (See format below)– click Validate:
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
CCEA (Cross Connect Equipment Assignment)	Pre-populate CCEA – **MW/SW** Examples: • MW - 00004/**LGSS**/**3**/ACLLI/ZCLLI • SW - 00003/**LGLGS**/**1**/ACLLI/ZCLLI **SE** Examples: • **Physical = PFXXX/ LG/2/ACLLI /ZCLLI** • **Virtual = VFXXX/ LG/2/ACLLI /ZCLLI** **W** Example: • W – 010102220-**14** **NOTE:** Collocation tie down (11 A/N represents floor, aisle, bay, panel, jack)

	NOTE: Customer provides the first port and AT&T will assign the next port.

New NNI/UNI Port with Direct LEC

New NNI/ UNI Port with a Direct LEC Arrangement	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T
REQTYP	S**D** or E**D**
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	**ED REQTYP** – 01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type Request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	**SD REQTYP -** ACTL CLLI assigned to customer POP/Cell Site **ED REQTYP –** Leave Field Blank
APOT (NTE CLLI)	Customer CLLI Code
ASC-EC (Access Service Control Exchange Company)	See ICSC Code Section – 4 digit code required Example: OB01 NOTES: * AT&T is the billing controlling LEC * Only one CLFI per ASR
SPEC	See 'Code' Section
REMARKS	
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new

	start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
OTC	OTC Number of the Other Exchange Company
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	**REQTYP "E" Only**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

New NNI/UNI Port with PPCoS

NOTE: 10G Port-based ports and Ports that require EVCs greater than 1G are not supported by Enhanced ASR 1st Process; and requires Pre-Sale approval

New NNI/ UNI Port with PPCoS	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T or NOSOLDNOTICE
REQTYP	S**D** or E**D**
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	**ED REQTYP** – 01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	S (Will trigger the issuance of a FOC and DLR)

	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	**SD REQTYP -** ACTL CLLI assigned to customer POP/Cell Site **ED REQTYP –** Leave Field Blank
APOT (NTE CLLI)	**Leave Blank**
SPEC	See 'Code' Section
REMARKS	
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
ES (Egress Scheduler)	**VALID ENTRIES:** S = All connections associated with this port have a single shared Egress Profile M = All connections associated with this port have

	independent Egress Profiles NOTE: Identifies the type of frame prioritization required on the UNI port.
PROFE	Profile Name or ID allowed Profile Name example: 20%RT, 20/20/20/20/20 Profile ID example: 105
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	**REQTYP "E" Only**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

NOTE: Changing from Basic CoS to a PPCoS will require disconnect and add ASRs on the UNI port and EVCs. The PONs on the ASRs must be related.

NOTE: Here is a copy of the various PPCoS profiles:



PPCoS Profile Aug 17 2012.xls

New NNI/UNI Port with Alternate Serving Switch

New NNI/ UNI Port with Alternate Serving Switch	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T or NOSOLDNOTICE
REQTYP	S**D** or E**D**
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	**ED REQTYP** – 01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100

QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	**SD REQTYP -** ACTL CLLI assigned to customer POP/Cell Site **ED REQTYP –** Leave Field Blank
APOT (NTE CLLI)	**Leave Blank**
SPEC	See 'Code' Section
REMARKS	
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	Email Address
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
SR (Special Routing)	NND
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	**REQTYP "E" Only**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

New NNI/UNI Port with Advanced Access Failover

New NNI/ UNI Port with Advanced Access Failover (AAF)	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T or NOSOLDNOTICE
REQTYP	SD or ED
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	**ED REQTYP** – 01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	**SD REQTYP -** ACTL CLLI assigned to customer POP/Cell Site **ED REQTYP –** Leave Field Blank
APOT (NTE CLLI)	**Leave Blank**
SPEC	See 'Code' Section
REMARKS	
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX######

	West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	Email Address
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
SR (Special Routing)	NNJ
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	**REQTYP "E" Only**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

New NNI/UNI Port with Diverse Access

New NNI/ UNI Port with Diverse Access (DA)	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T or NOSOLDNOTICE
REQTYP	S**D** or E**D**
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	**ED REQTYP** – 01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100

QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	**SD REQTYP -** ACTL CLLI assigned to customer POP/Cell Site **ED REQTYP –** Leave Field Blank
APOT (NTE CLLI)	**Leave Blank**
SPEC	See 'Code' Section
REMARKS	
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
SR (Special Routing)	NNB NOTE: The DIVPON ***OR*** DIVCKT field must also be populated.
DIVPON	Populate this field with the PON for the diverse circuit when both circuits are ordered at the same time.
DIVCKT	Populate this field with the diverse circuit ID when one of the diverse circuits already exists.
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue

ICSAP Screen	REQTYP "E" Only
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

Enhanced Multicast Feature

The maximum capacity for broadcast/unknown unicast/multicast (BUM) traffic is 2 Mbps per EVC and is provided free of charge. Enhanced Multicast (EMC) increases the BUM traffic on multi-point EVCs (no change to a point-to-point EVC) up to 30 Mbps, per EVC. The feature is billed on the port and once the feature is ordered on a port, each multi-point EVC associated with that port may be provisioned with up to 30 Mbps of combined BUM traffic. EMC is orderable in 1 Mbps increments (ex. 3 Mbps, 29 Mbps, etc.). Multi-point EVC ASRs that ***do not*** specify an EMC range between 3 – 30 Mbps will be provisioned with the standard default of 2 Mbps for BUM.

New NNI/UNI Port with Enhanced Multicast

New NNI/ UNI Port with Enhanced MultiCast	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T
REQTYP	S**D** or E**D**
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	**ED REQTYP** – 01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	**SD REQTYP -** ACTL CLLI assigned to customer POP/Cell Site **ED REQTYP –** Leave Field Blank
APOT (NTE CLLI)	**Leave Blank**
SPEC	See 'Code' Section
REMARKS NOTE: In September 2012, a new BUM field has been added to the	BUM = A (Add) OR BUM = D (Remove) NOTE: To complete the request for Enhanced Multicast,

EVC form per the ASOG 45 release.	one of the above entries must be entered in this field when adding (BUM = A) or deleting (BUM =D) the feature.
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
BUM (Broadcast, Unknown UniCast and MultiCast)	BUM = A (Add) OR BUM = D (Remove) NOTE: To complete the request for Enhanced Multicast, one of the above entries must be entered in this field when adding (BUM = A) or deleting (BUM =D) the feature.
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	**REQTYP "E" Only**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

ASE Out of Region

ASE was expanded to new markets out of region in March 2015, where AT&T owned fiber is available (AT&T Local Network Services, our facilities-based CLEC business) **New York, Northern New Jersey, Pennsylvania, Seattle, Maine, Virginia, Delaware, and Wash DC**. ASE Out of Region (ASE OOR) offers largely the same service as that offered within 21 states.

Initially, connections between ASE ports was limited to intraLATA, but as of March 2017, InterLATA connectivity to other ASE OOR LATAs or to 21 state LATAs is available.

Restrictions

- ASE OOR applies to fiber facilities only.
- The following services are not allowed with ASE OOR:
    - ASE over Light Speed (ASEoLS)
    - Collocation
    - Copper (ASE EoCu)
    - Direct LEC
    - ICO NNI
    - Meetpoint for UNIs and EVCs

New Out of Region (OOR) NNI/UNI Port : ICSC = SW99

New Out of Region NNI/ UNI Port	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	SW99
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by AT&T or NOSOLDNOTICE
REQTYP	S**D** or E**D**
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	**ED REQTYP** – 01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN The **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	**SD REQTYP -** ACTL CLLI assigned to customer POP/Cell Site **ED REQTYP –** Leave Field Blank
APOT (NTE CLLI)	**Leave Blank**
SPEC	See ‘Code’ Section
REMARKS	

ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # Position 3 is" L" to indicate OOR. EX: **PCL090204**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	**REQTYP "E" Only**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

Disconnect NNI/UNI Port Configuration:

NNI/UNI Port Disconnect Prior to submitting a UNI port disconnect ASR to AT&T, all associated EVC circuits must be disconnected first.	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up

PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	ZZZZZZZZZZZ
REQTYP	SD or ED
ACT	D (Disconnect)
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
ECCKT	Provide existing Circuit ID Example: 28/KQGN/000033//SW
QTY	0000001
BAN	**BAN circuit is Billed**: (EX:123 N25-1000)
REMARKS	
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated NC and ICSC - click Validate NC - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	NC Code of the Port

NNI/UNI Port Broadband Service Agreement (BSA) Contract Extension:

If the BSA has an EXTEND option to renew, the Customer may request the EXTEND (renewal) via an ASR

NNI/UNI Port EPP Renewal	
ASR Type = **R-ASR** Billing Change Only ; No other changes can be combined with this request *NOTE: No other attributes on the UNI port can be changed on a renewal request.* *NOTE: Any attribute change will require a new ASR.* *NOTE: Sales/TSC engagement not required.*	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT	'Extend'
CNO (Case Number)	BLANK
REQTYP	SD or ED
ACT	R (Record)
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU Percentage Interstate Usage)	100
ECCKT	Provide existing Circuit ID

	Example: 28/KQGN/000033//SW
QTY	0000001
BAN	**BAN ASE was established: (EX:123 N25-1000)**
ACTL	ACTL CLLI assigned to customer POP/Cell Site NOTE: Field should only be populated if the ReqType is SD
APOT (NTE CLLI)	**Populate with the 11 Character NTE CLLI**
SPEC	See 'Code' Section
REMARKS	Extending current Contract
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # **Basic CNUM only**. Suffixes **should not** be included
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address
NC Validation Tab	Populated NC and ICSC - click Validate - Continue
CFA Validation Tab	Click Continue
ICSES Screen	**Information from the last Updated ASR of the PORT**
NC	Pre-populated from Validation Screen See 'Code' Section
Address Validation Tab	Click Address does not validate Box - Continue
ICSAP Screen	**REQTYP "E" Only** **Information from the last Updated ASR of the PORT**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

NNI/UNI Broadband Service Agreement (BSA) Contract Change:

NOTE : This scenario is for changing the Current BSA Contract to a new BSA Contract Only

NNI/UNI Port BSA Contract Change
ASR Type = **C-ASR** NOTE: A customer is allowed to convert a circuit to a BSA where the language allows and also

request an additional change on the same ASR. Example: Customer request a different CIR speed or new VTA. Separate ASRs are not needed	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
CBD (Call before Dispatch)	1 – 99 or A1 – A99
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Blank Note: If there is an additional change along with the new BSA populate the CNO with ZZZZZZZZZZZZ
REQTYP	S**D** or E**D**
ACT	C
QSA (Quantity Service Address)	**ED REQTYP** – 01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
ECCKT	Provide existing Circuit ID Example: 28/KQGN/000033//SW
QTY	0000001
BAN	**BAN ASE was established: (EX:123 N25-1000)**
ACTL	ACTL CLLI assigned to customer POP/Cell Site NOTE: Field should only be populated if the ReqType is SD
APOT (NTE CLLI)	**Populate with the 11 Character NTE CLLI**
SPEC	See 'Code' Section
REMARKS	Changing Contract from PC_X###### to PC_X######
ICADM Screen	**Information from the last Updated ASR of the PORT**
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
VTAI (Variable Term Agreement Indicator)	**A** = New Variable Term Agreement **B** = Re-Term existing Variable Term Agreement with new start dates **C** = Retain existing Variable Term Agreement with NO changes
PNUM (Promotional Number)	Broadband (BSA) Contract # and suffix if applicable **NOTE: Without the provided suffix if applicable is not provided the ASR cannot be processed**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
IMPCON EMAIL	EMAIL Address

NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	**Information from the last Updated ASR of the PORT**
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**Populate with the 11 Character ESP CLLI**
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	**REQTYP "E" Only** **Information from the last Updated ASR of the PORT**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

EVC Ordering Details

Once the customer is ready to complete its order for AT&T Switched Ethernet Service, both the UNIs and EVCs will be ordered using the ASR form. The UNI port locations will need to be ordered prior to sending in the firm order ASR requests for the EVCs, unless the Combo ASR option is used. The circuit IDs generated on the UNI locations must be generated prior to ordering the EVC connections.

All information required for ordering Ethernet virtual connections are provided in the various fields contained within the EVC Form. The EVC form contains four sections: Administrative, Ethernet Virtual Connection Detail, UNI Mapping Detail and Remarks. The Administrative section relates the EVC Form to the ASR. The Ethernet Virtual Connection Detail Section provides entries for the specification of the overall service configuration. The UNI Mapping Detail Section provides entries for describing the information relative to the level of service ordering options and associated bandwidth profiles for each User Network Interface (UNI) termination point. The term UNI references the physical circuit to which EVCs are associated. The Remarks Section is used for additional narrative information.

The EVC form is designed to specify all the associated physical UNI(s) where that single EVC will terminate. EVC(s) and UNI port(s) can be ordered together on a Combo ASR or individual ASRs. When the EVC and UNI port are ordered on individual ASRs, the FOC (Firm Order Commitment) must be rendered on the UNI port ASR before the EVC ASR is submitted to AT&T.

Only one EVC is supported per ASR EVC request. The EVC ordering form will accommodate up to 20 multi-point physical UNI Port terminations per ASR. If additional UNI Port terminations are needed for a single multipoint network design, a second ASR will be required with an RPON to the first PON.

NOTE: EVC CIR cannot exceed 1G without prior approval.

COMMON LANGUAGE® EVC NC and NCI Coding

EVC NC Options - Carrier Coding Guide (CCG) Tab 2

EVC NC Pos 1-2	EVC NC Pos 3	EVC NC Pos 4	Description
VL	M	-	Ethernet Virtual Connection (EVC) multipoint-to-multipoint - An association of two or more UNIs that limit the exchange of Service Frames to UNIs in the Ethernet Virtual Connection per MEF 10. Defined in MEF 10 as an association of two or more UNIs.
VL	P	-	Ethernet Virtual Connection (EVC) point-to-point - An association of two or more UNIs that limits the exchange of Service Frames to UNIs in the Ethernet Virtual Connection per MEF 10. Defined in MEF 10 as an association of exactly two UNIs.

EVC NCI – Protocol Options – CCG Tab 3

Conductors	Protocol	Impedance	Protocol Options	Description
02	**VL**	**N**	**A2**	**Port - all to one bundle.** Used with Port based UNI that will send a combination of uncoordinated tagged and untagged traffic. No service multiplexing.
			V	**Port + CEVLAN Map** Used with VLAN based UNI that will only send tagged coordinated traffic.

EVC CLCI (Circuit ID Service Code) Options – CCG 'Special Services' Tab

Service Code		Description
VLXM	Access	Ethernet Virtual Connection (EVC) - Represents the exchange of Ethernet service frames between two or more UNIs **(multipoint-to-multipoint).** Defined in MEF 10 as an association of two or more UNIs/NNIs.
VLXP	Access	Ethernet Virtual Connection (EVC) - Represents the exchange of Ethernet service frames between only two UNIs **(point-to-point and used for point-to-multipoint).** Defined in MEF 10 as an association of exactly two UNIs.

Port NC Code and EVC NCI Protocol – Combinations

Port NC Code	Port Interface Type	Port Routing Type	EVC Protocol Option(s)	EVC Protocol Description
KQA*	Electrical (100 Mbps Base T)	Port Based	A2	All in one
KQE*	Electrical (100 Mbps Base T)	VLAN Based	V	Tagged
KRA*	Electrical/Optical (1 Gbps)	Port Based	A2	All in one
KRB*	Electrical/Optical (1 Gbps)	Port Based	A2	All in one
KRE*	Electrical/Optical (1Gbps)	VLAN Based	V	Tagged
KRF*	Electrical/Optical (1Gbps)	VLAN Based	V	Tagged
KSE*	Optical (10 Gbps)	VLAN Based	V	Tagged

*4th position of NC is variable and represents the CIR speed

EVC NC and NCI Coding Combinations

There is no unique NC coding for the point-to-multipoint configuration. The aggregation model, where multiple end users connect to a single port but not to each other, appears as a point to multipoint configuration but is designed as a point-to-point. The end user UNIs are ordered as Port based UNIs with a point-to-point EVC connection to the aggregation UNI. The aggregation UNI is ordered as a VLAN based port, which provides unique paths for the aggregated frames. In this configuration, the connection between the end user and the aggregator is ordered as a point-to-point EVC. The end-user UNI EVC routing protocol is A2 (all in one - combination of untagged and tagged). The aggregation point protocol must be ordered as VLAN tagged (coordinated).

EU UNI - Port Based:
NC – VLP- (point-to-point)
NCI – 02VLN.A2 (combination tagged and untagged)

Aggregation UNI – VLAN Based:
NC – VLP- (point-to-point)
NCI – 02VLN.V (VLAN tagged)

New EVC Request:

NOTE: If adding a New UNI to an Existing Multipoint EVC (VLM-) Please refer to the AT&T Switched Ethernet Change Activity Job Aid (Adding or Removing a UNI to an Existing Multipoint EVC Scenario)

EVC New Connect	
ASR FIELD	**VALUE**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	ZZZZZZZZZZZZ NOTE: All EVC ASRs will reflect 12 Z's in the CNO field on the ASR with the exception of an ICO NNI EVC ASR.
REQTYP	S**D**
ACT	N
EVCI (Ethernet Virtual Connection Indicator)	**A** (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**BAN used on PORT ASR**: (EX:123 N25-1000)
REMARKS	Any additional information needed
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate

	fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated EVC NC, NCI of UREF 1, and ICSC - click Validate All - Continue
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	EVC Reference Number (Provided by customer)
NC (Network Channel)	Will be pre-populated VLP- point- to-point VLM- multipoint
NUT (Number of Terminations)	Quantity of EVC UNI terminations on the ASR Valid entries: 01 - 20
UREF (UNI Reference Number)	Will be pre-populated NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	Will be pre-populated 02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch CLLI of the RUID
RUID (Related UNI Identifier)	UNI Port Circuit ID
CEVLAN (Customer Edge Virtual Local Area Network)	VLAN ID (0002 – 4090)
LREF (Level of Service Reference)	1 (default)
LOSACT (Level of Service Activity Indicator)	N
SPEC (Service and Product Enhancement Code)	Must match SPEC of the RUID. See Valid codes (ICEVC Screen)
BDW (CIR Bandwidth)	##M (EX: 20M) (Total EVC CIR bandwidth cannot exceed the UNI CIR value) NOTE: EVC CIR cannot exceed 1G without prior approval
REMARKS	Any additional information
Complete the above steps for additional UREFs	

PPCoS EVC Request

PPCoS EVC New Connect	
ASR FIELD	**VALUE**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code

DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	ZZZZZZZZZZZZ NOTE: All EVC ASRs will reflect 12 Z's in the CNO field on the ASR with the exception of an ICO NNI EVC ASR.
REQTYP	S**D**
ACT	N
EVCI (Ethernet Virtual Connection Indicator)	**A** (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**BAN used on PORT ASR**: (EX:123 N25-1000)
REMARKS	Any additional information needed
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated EVC NC, NCI of UREF 1, and ICSC - click Validate All - Continue
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	Pre-populated – 0001
NC (Network Channel)	Will be pre-populated VLP- point- to-point VLM- multipoint
NUT (Number of Terminations)	Quantity of EVC UNI terminations on the ASR Valid entries: 01 - 20
UREF (UNI Reference Number)	Will be pre-populated NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	Will be pre-populated 02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch CLLI of the RUID
RUID (Related UNI Identifier)	UNI Port Circuit ID
CEVLAN (Customer Edge Virtual Local Area Network)	VLAN ID (0002 – 4090)
LREF (Level of Service Reference)	1 (default)

LOSACT (Level of Service Activity Indicator)	**N**
SPEC (Service and Product Enhancement Code)	Must match SPEC of the RUID. See Valid codes (ICEVC Screen)
BDW (CIR Bandwidth)	##M (EX: 20M) (Total EVC CIR bandwidth cannot exceed the UNI CIR value)
LREF (Level of Service Reference)	2
LOSACT (Level of Service Activity Indicator)	**N**
LOS (Level of Service)	**"I"** for Ingress
PP COS	Profile Name or ID EX: I123155 or I20%RT,40/15/25/20/00
SPEC (Service and Product Enhancement Code)	Blank
BDW (CIR Bandwidth)	##M (EX: 20M) (Total EVC CIR bandwidth cannot exceed the UNI CIR value) NOTE: EVC CIR cannot exceed 1G without prior approval
LREF (Level of Service Reference)	3
LOSACT (Level of Service Activity Indicator)	**N**
LOS (Level of Service)	**"E"** for Egress
PP COS	Profile Name or ID EX: E123155 or E50%RT,50/15/10/5/20
SPEC (Service and Product Enhancement Code)	Blank
BDW (CIR Bandwidth)	##M (EX: 20M) (Total EVC CIR bandwidth cannot exceed the UNI CIR value) NOTE: EVC CIR cannot exceed 1G without prior approval
REMARKS	Any additional information
Complete the above steps for additional UREFs	

Broadband EVC Request

Broadband EVC New Connect	
ASR FIELD	**VALUE**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	ZZZZZZZZZZZZ NOTE: All EVC ASRs will reflect 12 Z's in the CNO field on the ASR with the exception of an ICO NNI EVC ASR.

REQTYP	SD
ACT	N
EVCI (Ethernet Virtual Connection Indicator)	A (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**BAN used on PORT ASR**: (EX:123 N25-1000)
REMARKS	Any additional information needed
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated EVC NC, NCI of UREF 1, and ICSC - click Validate All - Continue
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	Pre-populated – 0001
NC (Network Channel)	Will be pre-populated VLP- point- to-point VLM- multipoint
NUT (Number of Terminations)	Quantity of EVC UNI terminations on the ASR Valid entries: 01 - 20
UREF (UNI Reference Number)	Will be pre-populated NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	Will be pre-populated 02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch CLLI of the RUID
RUID (Related UNI Identifier)	UNI Port Circuit ID
CEVLAN (Customer Edge Virtual Local Area Network)	VLAN ID (0002 – 4090)
For ASE Fiber RUID	
LREF (Level of Service Reference)	1 (default)
LOSACT (Level of Service Activity Indicator)	**N**
SPEC (Service and Product Enhancement Code)	Must match SPEC of the **ASE Fiber RUID**. See Valid codes (ICEVC Screen)
BDW (CIR Bandwidth)	##M (EX: 20M) for the ASE Fiber RUID (Total EVC CIR bandwidth cannot exceed the UNI CIR value)

For Broadband RUID	
LREF (Level of Service Reference)	1
LOSACT (Level of Service Activity Indicator)	**N**
SPEC (Service and Product Enhancement Code)	SPEC Code of **Broadband RUID**
BDW (CIR Bandwidth)	"UNI"
REMARKS	Any additional information
Complete the above steps for additional UREFs	

EVC Disconnect

EVC – DISCONNECT	
ASR FIELD	**VALUE**
ICASR SCREEN	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	ZZZZZZZZZZZZ NOTE: All EVC ASRs will reflect 12 Z's in the CNO field on the ASR with the exception of an ICO NNI EVC ASR.
REQTYP	S**D**
ACT	D
EVCI (Ethernet Virtual Connection Indicator)	**A** (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
QTY	0000001
BAN	**BAN used to establish EVC**: (EX:123 N25-1000)
REMARKS	Any additional information needed
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated EVC NC, NCI of UREF 1, and ICSC - click Validate All - Continue
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	Pre-populated – 0001
NC (Network Channel)	Will be pre-populated VLP- point- to-point

	VLM- multipoint
EVCID	EVC Circuit ID to be disconnected
NUT (Number of Terminations)	Quantity of EVC UNI terminations on the ASR Valid entries: 01 - 20
UREF (UNI Reference Number)	Will be pre-populated NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
UACT (UNI Activity Indicator)	UNI Activity Indicator **D**
NCI (Network Channel Interface)	Will be pre-populated 02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
RUID (Related UNI Identifier)	UNI Port Circuit ID
CEVLAN (Customer Edge Virtual Local Area Network)	VLAN ID (0002 – 4090)
REMARKS	Add additional information as needed
Complete the above steps for additional UREFs	

Note: If you have a Multipoint EVC with over 20 legs, you will need to submit a "C" Activity ASR first (see page 45. Adding or Removing a PORT to or from an existing MultiPoint EVC) to Disc 20 legs. Then submit the Disconnect EVC ASR to remove the last number of legs and disconnect the EVC.

InterLATA EVC

Prior versions of AT&T Switched Ethernet Service have been limited to providing transport of data traffic only within a local access and transport area (LATA). Effective May 18, 2015, AT&T is launching a new version of its AT&T Switched Ethernet Service that can carry traffic between qualifying locations in the same state or in different states, regardless of LATA boundaries.

For new orders, EVC ASR will be submitted to the 'region/ICSC code' that matches the 1st RUID (for example, if RUID #1 is in Atlanta, the ASR will be submitted to the SB01 ICSC code. The EVC circuit ID will be assigned based upon the region the first UNI Port (RUID 1).

Combo and Meet Point EVCS (ICO NNI) are not supported

EVC – InterLata	
ASR FIELD	**VALUE**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service

	Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	ZZZZZZZZZZZZ NOTE: All EVC ASRs will reflect 12 Z's in the CNO field on the ASR with the exception of an ICO NNI EVC ASR.
REQTYP	S**D**
ACT	N
EVCI (Ethernet Virtual Connection Indicator)	**A** (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**BAN used on PORT ASR**: (EX:123 N25-1000)
REMARKS	Any additional information needed
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated EVC NC, NCI of UREF 1, and ICSC - click Validate All - Continue
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	Pre-populated – 0001
NC (Network Channel)	Will be pre-populated VLP- point- to-point VLM- multipoint
NUT (Number of Terminations)	Quantity of EVC UNI terminations on the ASR Valid entries: 01 - 20
UREF (UNI Reference Number)	Will be pre-populated NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch (ESP) CLLI of the RUID 1
RUID 1 (Related UNI Identifier)	UNI Port Circuit ID- Must be same processor as UNI Port Circuit
RUID 2	UNI located in different LATA
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch (ESP) CLLI of the RUID 2 **is not required**
CEVLAN (Customer Edge Virtual Local	VLAN ID (0002 – 4090)

Area Network)	
LREF (Level of Service Reference)	1 (default)
LOSACT (Level of Service Activity Indicator)	**N**
SPEC (Service and Product Enhancement Code)	Must match SPEC of the RUID. See Valid codes (ICEVC Screen)
BDW (CIR Bandwidth)	##M (EX: 20M) (Total EVC CIR bandwidth cannot exceed the UNI CIR value) NOTE: EVC CIR cannot exceed 1G without prior approval
Complete the above steps for additional UREFs	

ICO NNI Arrangement

An ICO NNI Arrangement is a shared connection between the Telephone Company Ethernet Switch and another ICO via a meet point, from which the other ICO provides the portion of the service within the ICO's territory. This type of arrangement is accomplished by a type of AT&T Switched Ethernet Service EVC called an ICO GIGE Trunk. The EVC for the ICO NNI Arrangement may be ordered as point-to-point or multi-point. The ICO NNI Arrangement requires a shared fiber facility connecting the AT&T IPAG switch to the ILEC/ICO Ethernet Node. The shared fiber facility will be identified with a CLFI CKT ID and provided on the ASR in the Remarks of the ICEVC page.

EVC FORM	
ASR FIELD	**VALUE**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT	MPAEVC (Entry MUST start with these 6 characters.
CNO (Case Number)	Unique 12-digit characters provided by the AT&T BUPM
REQTYP	S**D**
ACT	N
EVCI (Ethernet Virtual Connection Indicator)	**A** (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**BAN used on PORT ASR**: (EX:123 N25-1000)
ASC-EC (Access Service Control Exchange Company)	See ICSC Code Section – 4 digit code required Example: OB01 NOTES: 1. AT&T is the billing controlling LEC

	2. Only one CLFI per ASR. When ordering a multi-point EVC and more than one ICO termination is involved, only 1 ICO termination per ASR is allowed, other ICO terminations will be ordered as change activity on the multi-point EVC ECCKT. 3. List of ICSC Codes provided above
REMARKS	Add additional information as needed NOTE: For a Multi-Point EVC, If the EVC terminates at more than one ICO, one ASR is required per ICO termination.
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated EVC NC, NCI of UREF 1, and ICSC - click Validate All - Continue
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	Pre-populated – 0001
NC (Network Channel)	Will be pre-populated VLP- Point to Point VLM- Multipoint
NUT (Number of Terminations)	Total quantity of EVC UNI terminations on the ASR Valid entries: 01 - 20
UREF (UNI Reference Number)	UNI Reference Number NOTE: A minimum of one 'UREF' must be in AT&T Telephone Company territory and a minimum of one 'UREF' must be in ICO territory.
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	Will be pre-populated 02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
EVCSP (Ethernet Virtual Connection Switch Point)	IPAG Switch (ESP) CLLI or ICO Switch CLLI
EVCMPID (Meet-Point)	Provide CLFI Industry Format as stipulated in the Carrier Coding Guide (CCG) Example: JP101/GE10/EKGVCAXI0NW/SCRMCA030IW
OTC (Other Telephone Company)	Independent Company 4-digit code
CEVLAN (Customer Edge Virtual Local Area Network)	VLAN ID, if applicable
LREF (Level of Service Reference)	1 (default)

LOSACT (Level of Service Activity Indicator)	**N**
SPEC (Service and Product Enhancement Code)	Must match SPEC of the RUID See Valid codes (ICEVC screen)
BDW (CIR Bandwidth)	##M (EX: 20M) (Total EVC CIR bandwidth cannot exceed the UNI CIR value)
Complete the above steps for additional UREFs	

Enhanced Multicast Feature

The maximum capacity for broadcast/unknown unicast/multicast (BUM) traffic is 2 Mbps per EVC and is provided free of charge. Enhanced Multicast (EMC) increases the BUM traffic on multi-point EVCs (no change to a point-to-point EVC) up to 30 Mbps, per EVC. The feature is billed on the port and once the feature is ordered on a port, each multi-point EVC associated with that port may be provisioned with up to 30 Mbps of combined BUM traffic. EMC is orderable in 1 Mbps increments (ex. 3 Mbps, 29 Mbps, etc.). Multi-point EVC ASRs that ***do not*** specify an EMC range between 3 – 30 Mbps will be provisioned with the standard default of 2 Mbps for BUM.

Individual Case Bases (ICB)

To request **ICB** for EMC for greater than 30M, the LOS field must contain "**EMCASTEMnnnn-nnnnn"** (NNNN= Bandwidth, NNNNN=Approval ID) (n=numeric value).

- This must be entered in the LOS field starting after LREF 1.
- The corresponding BDW field must have a value "31M" or higher.

EVC FORM	
ASR FIELD	**VALUE**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	ZZZZZZZZZZZZ NOTE: All EVC ASRs will reflect 12 Z's in the CNO field on the ASR with the exception of an ICO NNI EVC ASR.
REQTYP	S**D**
ACT	N
EVCI (Ethernet Virtual Connection Indicator)	**A** (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**BAN used on PORT ASR**: (EX:123 N25-1000)
REMARKS	Any additional information needed

ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	Pre-populated – 0001
NC (Network Channel)	Will be pre-populated VLP- point- to-point VLM- multipoint
NUT (Number of Terminations)	Quantity of EVC UNI terminations on the ASR Valid entries: 01 - 20
UREF (UNI Reference Number)	Will be pre-populated NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	Will be pre-populated 02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch (ESP) CLLI of the RUID
RUID (Related UNI Identifier)	UNI Port Circuit ID
CEVLAN (Customer Edge Virtual Local Area Network)	VLAN ID (0002 – 4090)
LREF (Level of Service Reference)	1 (default)
LOSACT (Level of Service Activity Indicator)	**N**
SPEC (Service and Product Enhancement Code)	Must match the SPEC of the RUID. See valid Codes.
BDW (CIR Bandwidth)	Enter CIR Speed
LREF (Level of Service Reference)	2
LOSACT (Level of Service Activity Indicator)	**N**
LOS (Level of Service)	Enter 'EMCAST' **ICB** Enter **"EMCASTEMnnnn-nnnnn"** (After LREF1)
BDW (CIR Bandwidth)	Enter '3M' to '30M', in 1 Mbps increments. **ICB** Enter **'31M' or 'higher'**
Complete the above steps for additional UREFs	

EVC Administrative Section

Form	**Fields applicable for EVC Connections**
ICASR	ACT = **N, C, D or R**

REQTYP = **SD**
EVCI – Ethernet Virtual Connection Indicator = **A**

EVC Detail Section

EVC NUM – Ethernet Virtual Connection Reference Number
NC – Network Channel (**VLM- or VLP-)** (see EVC NC Options chart)
EVCID – Ethernet Virtual Connection Identifier **(EVC Circuit ID - ACT C, D, R)**
NUT – Number of Terminations

EVC- UNI Mapping Detail Section

UREF – User Network Interface (UNI) Reference Number
UACT – User Network Interface (UNI) Activity Indicator (N, C, or D)
NCI – Network Channel Interface (02VLN.A2 or 02VLN.V)
EVCSP – Ethernet Virtual Connection Switch Point (equipment CLLI)
CE-VLAN – Customer Edge Virtual Local Area Network

- **Permissible CEVLAN range is 0002 - 4090**

RUID – Related UNI Identifier (Circuit ID of UNI where EVC terminates)
SPEC - Service and Product Enhancement Code (Specifies the CoS; See SPEC code chart)
BDW – Bandwidth (5Mbps to 1000Mbps; EVC CIR in 1Mbps increments)

Remarks Section

Used for additional narrative information.

UNI PORT and EVC Combo ASRs

NOTE: **The customer has the option to SUPP a Combo ASR to a standalone Port ASR**.

Requires two SUPPs:

- 1st SUPP to change UACTs on the EVC screen to "K"
  - Space out RUID field for UREF 1
- 2nd SUPP to change EVCI to blank

All other SUPPs to change Combo to Standalone or Standalone to Combo are prohibited

New UNI Port and EVC via a Combo ASR

Using the Combo ASR process is ***optional***. The Combo ASR allows the customer to submit a single ASR with one UNI Port and one EVC. **This process is only allowed for 'new' or 'complete disconnect' activity; InterLATA EVC is prohibited**. NOTE: The customer may continue to submit standalone UNI Port and EVC ASRs.

- Combo ASR entries:
  - UNI Port ASR – No special requirements, business as usual
  - EVC ASR - EVCI field MUST be populated with a **"B"**

ASR Field/Form	ASR Field Entry Value
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	Unique 12-digit characters provided by the AT&T BUPM or NOSOLDNOTICE
REQTYP	S**D** or E**D**
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	**ED REQTYP** – 01
EVCI (Ethernet Virtual Connection Indicator)	B
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN Or the **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	**SD REQTYP -** ACTL CLLI assigned to customer POP/Cell Site **ED REQTYP –** Leave Field Blank
APOT (NTE CLLI)	**Leave Blank**
SPEC	See 'Code' Section
REMARKS	
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	

Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated (UNI) NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Click Continue
ICSES Screen	
NC	See 'Code' Section
NCI	NCI at ACTL/POP/Cell Site – See 'Code' Section
SECNCI	NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	**REQTYP "E" Only**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	End User Address
JS Jack Status	D (DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

EVC	
ASR FIELD	**VALUE**
NC Validation Tab	Populated EVC NC, NCI of UREF 1, and ICSC - click Validate All - Continue
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	Pre-populated – 0001
NC (Network Channel)	Will be pre-populated VLP- point- to-point VLM- multipoint
NUT (Number of Terminations)	Quantity of EVC UNI terminations on the ASR Valid entries: 01 - 20
UREF (UNI Reference Number)	Will be pre-populated NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
AUNT	For UREF 1 Only **A**
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	Will be pre-populated

	02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch (ESP) CLLI of the RUID
RUID (Related UNI Identifier)	UNI Port Circuit ID
CEVLAN (Customer Edge Virtual Local Area Network)	VLAN ID (0002 – 4090)
LREF (Level of Service Reference)	1 (default)
LOSACT (Level of Service Activity Indicator)	**N**
SPEC (Service and Product Enhancement Code)	Must match SPEC of the RUID. See Valid codes (ICEVC Screen)
BDW (CIR Bandwidth)	##M (EX: 20M) (Total EVC CIR bandwidth cannot exceed the UNI CIR value) NOTE: EVC CIR cannot exceed 1G without prior approval
REMARKS	Any additional information
Complete the above steps for additional UREF	

OVC Ordering Details

An Operator Virtual Connection (OVC) is a UNI to ENNI connection that is provisioned by each of the respective Operators as part of building an end-to-end EVC that crosses two Operator networks. The two OVCs meet at the ENNI by matching S-VLAN Ids on both sides.

COMMON LANGUAGE® OVC NC and NCI Coding

OVC NC Options - Carrier Coding Guide (CCG) Tab 2

EVC NC Pos 1-2	EVC NC Pos 3	EVC NC Pos 4	Description
VL	C	-	Metro Ethernet Virtual Connection (An association of two or more Physical Ethernet Access Links). Point-to-point Operator Virtual Connection (OVC) per MEF 51/26, which is an association of one UNI and one ENNI or an association of two ENNIs.

OVC NCI – Protocol Options – CCG Tab 3

Conductors	Protocol	Impedance	Protocol Options	Description
02	**VL**	**N**	**VST**	PORT + S-VLAN MAP. (This OVC accepts only tagged frames with a specific S-VLAN ID within An S-Tag per MEF 26. The S-Tag may be stacked on a C-Tag (see 802.1ad for info on tag stacking) or it may be the sole tag on the frames at the ENNI.)

OVC CLCI (Circuit ID Service Code) Options – CCG 'Special Services' Tab

Service Code		Description
VLXU	Access	Identifies a Metro Ethernet Virtual Connection or Operator Virtual Connection (An association of two or more Physical Ethernet Access Links).

New OVC Request

New OVC ASR	
ASR FIELD	**VALUE**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT *optional*	Optional unless AT&T Managed project
CNO (Case Number)	ZZZZZZZZZZZZ NOTE: All OVC ASRs will reflect 12 Z's in the CNO field on the ASR with the exception of an ICO NNI EVC ASR.
REQTYP	S**D**
ACT	N
EVCI (Ethernet Virtual Connection Indicator)	**A** (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**BAN used on PORT ASR**: (EX:123 N25-1000)
REMARKS	Any additional information needed
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated OVC NC, NCI of UREF 1, and ICSC - click Validate All - Continue
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	Pre-populated – 0001
NC (Network Channel)	**Pre-populated - VLC-**
NUT (Number of Terminations)	02
UREF (UNI Reference Number)	Will be pre-populated **– 01** NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	Will be pre-populated **02VLN.VST** – ENNI Connection**(S-VLAN field must be populated)**
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch CLLI of the RUID

RUID (Related UNI Identifier)	ENNI Port Circuit ID
S-VLAN (Customer Edge Virtual Local Area Network)	VLAN ID (0002 – 4088) except for 0127
UREF (UNI Reference Number)	Will be pre-populated **– 02** NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch (ESP) CLLI of the RUID
RUID (Related UNI Identifier)	UNI Port Circuit ID
CE-VLAN (Customer Edge Virtual Local Area Network)	VLAN ID (0002 – 4090)
LREF (Level of Service Reference)	1 (default)
LOSACT (Level of Service Activity Indicator)	**N**
SPEC (Service and Product Enhancement Code)	Must match SPEC of the RUID. See Valid codes (ICEVC Screen)
BDW (CIR Bandwidth)	##M (EX: 20M) (Total EVC CIR bandwidth cannot exceed the UNI CIR value) NOTE: EVC CIR cannot exceed 1G without prior approval
REMARKS	Any additional information
Complete the above steps for additional UREFs	

Migration from Legacy Metro Ethernet or OptEMAN to AT&T Switched Ethernet

Migrations from Legacy ME and OEM services to ASE requires disconnect of the Legacy service and install of the ASE service. However, the Customer will install the ASE UNI Port and EVCS, ensure they are working properly, before disconnecting the Legacy ME or OEM circuit.

Note: The RPON will not be used on the ASE, ME or OEM UNI Port ASR due to the amount of time in between the submission of the N and D ASRS.

Exception:

If the only way to provide the new ASE service is via the reuse of existing fiber; then, the disconnect ASR for ME / OEM must be submitted first by the Customer. In this scenario, both disconnect and new connect ASRS must:

- Account Team must be engaged and must use the Service Inquiry Process
- BUPM will advise when to submit the ASRs
- BUPM will provide CNO Value for the New ASE ASR
- **Use the RPON field to relate the disconnect and new connect ASRS**
- PROJ field must be populated with the same PROJ ID, using the same format as listed in the table above
- **The same Due Date (DD) must be on both ASRS**.
- The Circuit ID will not be reused from the EXISTING ME / OEM CKT
- A new Circuit ID will be generated for the ASE Install ASR
- Remarks should still contain, **"No ETL, Migration",** but the ASE CKT ID will not be provided due to the RPON scenario and Customer not having this information.
- EVC install ASR must have new VLAN number
- Cutover must be coordinated by the BUPM and eCSPC

Note: This process may result in significant out of service time for the Customer. This information should be communicated to the Customer by the Account Team or the BUPM

FIRST ASR

Migration: New NNI/ UNI Port	
ASR Field/Form	**ASR Field Entry Value**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT	PROJ field is populated, below is the breakdown that the **AT&T BUPM's will utilize**: Positions 1 – 3 may be populated with 'MIG' Positions 4 – 11 may be populated with the Customer's HUB CLLI Code, such as 'LSANCARC' Position 12 may be populated with a number or alpha character that represents what the Customer calls the

	HUB CLLI being used, such as '1' or 'A' For Example the configuration above would be **'MIGLSANCARC1'** **Note: The Project ID for the ASE install may or may not be populated. However, in order for the Termination Liability Charges to be waived, the Disconnect ASR PROJ field must begin with "MIG".**
CNO (Case Number)	Unique 12-digit characters provided by the AT&T BUPM
REQTYP	SD or ED
ACT (Activity)	N (New request)
QSA (Quantity Service Address)	**ED REQTYP** – 01
SEI (Switched Ethernet Indicator)	Y (Will be pre-populated)
RTR (Response Type request)	S (Will trigger the issuance of a FOC and DLR) F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**N**: New BAN Request **E**: Existing BAN Or the **BAN you want to Bill**: (EX:123 N25-1000)
ACTL	**SD REQTYP -** ACTL CLLI assigned to customer POP/Cell Site **ED REQTYP –** Leave Field Blank
APOT (NTE CLLI)	**Leave Blank**
SPEC	See 'Code' Section
REMARKS	Migrating to ASE
ICADM Screen	
BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
TE (Tax Exemption)	Tax Exemption Code (If requesting for new BAN)
VTA (ASR – Bill Section) (Variable Term Agreement)	**Format = NN** NN = contract term in months (12, 24, 36, 48, 60)
PNUM (Promotional Number)	Broadband (BSA) Contract # Southeast = PCBX###### Southwest = PCSX###### West = PCWX###### Midwest = PCMX######
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated NC, NCI, SECNCI and ICSC - click Validate All - Continue
CFA Validation Tab	Continue
ICSES Screen	
NC	Pre-populated from Validation Screen See 'Code' Section
NCI	Pre-populated from Validation Screen NCI at ACTL/POP/Cell Site – See 'Code' Section

SECNCI	Pre-populated from Validation Screen NCI at AT&T CO – See 'Code' Section
ESP (IPAG CLLI)	**LEAVE Blank** *AT&T will return Switch CLLI in SECLOC field on FOC (required for EVC ASR request)*
Address Validation Tab	Populated Street Number, Street Name, T/F, City, State, and ZIP - Validate - Continue
ICSAP Screen	**REQTYP "E" Only**
PI (Primary Location Indicator)	Y
EU Name	End User Customer Name
SANO, SASN, etc.	Pre-populated from Address Validation
JS (Jack Status)	D (New DEMARC)
LCON, ACTEL, and Email	Person Name, Tel # and Email to contact for Site Visit

SECOND ASR

Migration: EVC - SAMPLE	
ASR FIELD	**VALUE**
ICASR Screen	
PON (Purchase Order Number)	Create PON – up to 16 alpha/numeric characters
ICSC (Interexchange Customer Service Center)	4 Character Code
DDD (Desired Due Date)	Choose the date you would like for Service Turn up
PROJECT	PROJ field is populated, below is the breakdown that the **AT&T BUPM's will utilize**: Positions 1 – 3 may be populated with 'MIG' Positions 4 – 11 may be populated with the Customer's HUB CLLI Code, such as 'LSANCARC' Position 12 may be populated with a number or alpha character that represents what the Customer calls the HUB CLLI being used, such as '1' or 'A' For Example the configuration above would be 'MIGLSANCARC1' **Note: The Project ID should match the Project ID on the Migration PORT NNI/UNI ASR**
CNO (Case Number)	ZZZZZZZZZZZZ NOTE: All EVC ASRs will reflect 12 Z's in the CNO field on the ASR with the exception of an ICO NNI EVC ASR.
REQTYP	S**D**
ACT	N
EVCI (Ethernet Virtual Connection Indicator)	**A** (Will be pre-populated)
RTR (Response Type request)	F (FOC Only)
CUST (Customer)	Company who is issuing the request
PIU (Percentage Interstate Usage)	100
QTY	0000001
BAN	**BAN used on PORT ASR**: (EX:123 N25-1000)
REMARKS	Any additional information needed
ICADM Screen	

BillNM (Bill Name)	Name of Company to receive the Bill
ACNA	
Billing Address	Populate the Billing Address in the appropriate fields
FUSF (Federal Universal Service Fee)	**E = Exempt** **N = Non-Exempt**
IMPCON (Implementation Contact)	Name that is responsible for service turn up
TEL	Telephone number of IMPCON
NC Validation Tab	Populated EVC NC, NCI of UREF 1, and ICSC - click Validate All - Continue
ICEVC Screen	
EVCNUM (Ethernet Virtual Connection Reference Number)	Pre-populated – 0001
NC (Network Channel)	Will be pre-populated VLP- point- to-point VLM- multipoint
NUT (Number of Terminations)	Quantity of EVC UNI terminations on the ASR Valid entries: 01 - 20
UREF (UNI Reference Number)	Will be pre-populated NOTE: The total number of UREFs must equal the value specified in the Number of UNI Terminations (NUT)
UACT (UNI Activity Indicator)	UNI Activity Indicator **N**
NCI (Network Channel Interface)	Will be pre-populated 02VLN.A2 – Port combination tagged and untagged 02VLN.V – VLAN **(CE-VLAN field must be populated)**
EVSCP (Ethernet Virtual Connection Switch Point)	IPAG Switch (ESP) CLLI of the RUID
RUID (Related UNI Identifier)	UNI Port Circuit ID
CEVLAN (Customer Edge Virtual Local Area Network)	VLAN ID (0002 – 4090)
LREF (Level of Service Reference)	1 (default)
LOSACT (Level of Service Activity Indicator)	**N**
SPEC (Service and Product Enhancement Code)	Must match SPEC of the RUID. See Valid codes (ICEVC Screen)
BDW (CIR Bandwidth)	##M (EX: 20M) (Total EVC CIR bandwidth cannot exceed the UNI CIR value) NOTE: EVC CIR cannot exceed 1G without prior approval
REMARKS	Any additional information
Complete the above steps for additional UREFs	

THIRD ASR

Once the ASE and EVC Circuits are turned up and are functionally working, Customer will submit the disconnect ASR for the Legacy ME or OEM.

The following special criteria must be populated on the Disconnect ASRs to ensure the ASC to Waive the Termination Liability Charges:

- **PROJ field must begin with ‘MIG’ .**

- **Remarks will contain, ‘No ETL, Migration, New ASE CKT ID that replaced the CKT ID being disconnected’**

Supplement Table:

Supplement (SUPP)Table			
Description of Change	**ASR Fields**	**Pre-FOC**	**Post-FOC**
Address Change - Physical Address, City, State and Zip Code Port CLLI code changes	Various address fields	Yes	No - Cancel and Reissue
Address Change - Room, Floor or Building Only BUPM may request a cancel and reissue with a new site if the changes cause new network requirements	Various location fields	Yes	Yes
ASE BB ASE over Light Speed to Fiber (Basic) and vice versa	NC / SPEC	No - Cancel and Reissue	No - Cancel and Reissue
CE-VLAN	CE-VLAN	Yes	Yes
CIR Speed on EVC	BDW	Yes	Yes
CIR Speed on Port - Port Connection Speed Does not Change	NC	Yes	Yes
CNO Value	CNO	No - for ASR First/NSN Yes - for Service Inquiry (SI)	No
Copper to Fiber	n/a	No - Cancel and Reissue	No - Cancel and Reissue
Diverse CKT	DIVCKT	Yes - If PON has NOT been successfully flowed to CANOPI No - Cancel and Reissue - If PON has been successfully flowed to CANOPI	No - Cancel and Reissue

Diverse PON	DIVPON	Yes - If PON has NOT been successfully flowed to CANOPI No - Cancel and Reissue - If PON has been successfully flowed to CANOPI	No - Cancel and Reissue
DLR (Design Layout Report)	RTR	Yes	No - Cancel and Reissue
Due Date	DDD	Yes	Yes
EMUX	n/a	Yes	Yes - Graceful SUPP
Indoor Mount to Outdoor Mount and vice versa Choice is noted in ASR Remarks	n/a	Yes	No - Cancel and Reissue
IPAG CLLI	ESP	Yes	Yes - Graceful SUPP
MAC Address Quantity	SPEC	Yes	Yes
NTE CLLI	APOT	Yes	Yes - Graceful SUPP
Physical Interface Change Electrical to Optical and vice versa Example: Change from 08LN9.1GE to 02LNF.A02	NCI	No - Cancel and Reissue	No - Cancel and Reissue
Physical Interface Change from Optical to Collocation and vice versa Example: Change from 02LNF.A02 to 02QBF.K02	NCI	No - Cancel and Reissue	No - Cancel and Reissue
Physical Interfac Change from Single Mode Fiber to Multi Mode Fiber and vice versa Example: Change from 02LNF.A02 to 02LNF.A04	NCI	No - Cancel and Reissue	No - Cancel and Reissue
Port Connection Speed (e.g.1G to 10G) - New Circuit ID	NC	No - Cancel and Reissue	No - Cancel and Reissue
Power Supply Choice is noted in ASR Remarks	n/a	Yes	No - Cancel and Reissue

Rack Mount to Wall Mount and vice versa Choice is noted in ASR Remarks	n/a	Yes	No - Cancel and Reissue
REQ TYP S to REQ TYP E and vice versa	REQTYP	No - Cancel and Reissue	No - Cancel and Reissue
RUID	RUID	Yes	No - Cancel and Reissue
Single Class of Service (SCoS) to a different Single Class of Service (SCoS) Example: Change from OEMAR1 to OEMAN1 NOTE: This applies to both UNI and EVC in the same Manner	SPEC	Yes	Yes
Single Class of Service (SCoS) to Per Packet Class of Service (PPCoS) and vice versa Example: Change from OEMAR1 to OEMAP1 NOTE: This applies to both UNI and EVC in the same Manner	SPEC	Yes	No - Cancel and Reissue
Special Routing	SR	Yes - If PON has NOT been successfully flowed to CANOPI No - Cancel and Reissue - If PON has been successfully flowed to CANOPI	No - Cancel and Reissue
TSP	TSP	Yes	Yes

VLAN based to Port based and Vice Versa	NC	Yes - N ACT Only No - C ACT must Cancel and Reissue	Yes - N ACT Only No - C ACT must Cancel and Reissue If UNI Port has pending EVC ASRs, these ASRs MUST be cancelled, prior to submitting the SUPP for the N ACT UNI Port

NOTE: Effective March 15, 2017, wholesale customers will be able to supplement pending Access Service Requests (ASRs) for AT&T Switched Ethernet Service, **to change the Port based Port to a VLAN based Port and vice versa**. Previously, wholesale customers needed to cancel and re-issue their orders to make these changes**.**

The new ordering capability is not available for Broadband Ports.

IMPORTANT NOTE:

For any changes, notify your Account Manager when you are making a change. In the "Occurs Post FOC" column, for the Cancel and Reissue Only Scenarios, associates should contact NSS PM for CNO value