# AT&T Encryption Services

## Help protect privacy of data

Data breaches and risks associated with unauthorized access to corporate information or intellectual property are at the forefront of IT organizations around the world. As evidenced by breaches that have been exposed, these incidents are often financially costly and can have long lasting implications for things such as customer turnover, brand reputation, and ultimately corporate profitability. Therefore, it is prudent for enterprises to start managing risks associated with information leaks by employing a comprehensive email and data encryption strategy that can help meet today's need for internal, Business to Business (B2B) and Business to Customer (B2C) interactions.

Also, Cloud services are increasingly popular among businesses that want agile and ubiquitous access to information. While there are obvious productivity and financial benefits to moving to the cloud, there are also heightened and growing concerns over data breaches from internal and external attackers upon movement of data to cloud applications. Additionally, malicious intrusions occur on a daily basis whether on employee computers, on the corporate network, or in the cloud. Millions of dollars are spent annually on IT upgrades, insurance premiums, and reputation cost in response to these cyber-attacks. To combat this threat, businesses are seeking security continuity, the consistent application of security policies, and highly secure protection with integrated encryption key management for their cloud services and applications.

### What is AT&T Encryption Services<sup>SM</sup>?

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AT&T Encryption Services (AES) is an AT&T Managed Security Service that simplifies data encryption by automating the management and use of digital credentials. Customers can quickly and efficiently digitally sign and encrypt messages or files using existing desktop, mobile and web interfaces. Multiple methods of message delivery and receipt help see to it that encrypted data reaches the intended audience, regardless of the computing environment. Whether it is employees exchanging confidential information with business associates or the delivery of confidential statements to customers, AES is designed with a comprehensive suite of encryption solutions to help protect data in motion. These solutions include the following.

### AES Encrypted Email and Document Delivery using Public Key Infrastructure (PKI)

- Encrypted Mail – Encrypts email at a PC or a mobile Device

- Encrypted Mail Gateway – provides an email encryption solution on your email server

- Encrypted Mail Exchange – helps protect web-based email among specified email communities

- Encrypted Documents – helps protect delivery of statements, invoices, notices and forms with a private and more cost effective electronic communication

### Potential Benefits

- Inability to decrypt and read data even if hackers gain access to data file.

- Flexible deployment models for virtually any size organization.

- Centrally deployed and managed

- Helps customer to work toward meeting business security, industry standards, and government regulations.

### Features

- Helps prevent data leakage

- Simplified encryption

- Trusted technology such as PKI

- Integrated Key Management

To learn more about AT&T Managed Security Services, visit www.att.com/email-security or have us contact you.

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AES-SaaS – is a Cloud based Software as a Service (SaaS) encryption solution that couples with standard Key Management Interoperability Protocol (KMIP). AES-SaaS provides customers the ability to apply custom data policies to pre-determine user data traffic that requires encryption and route this data through the AES-SaaS cloud for encryption before reaching the storage location (e.g., a Cloud Service Provider location or the customer's own device). Customer can use AES-SaaS generated or encryption keys via their own KMIP compliant infrastructure.

AES-CPE – provides identical functionality to AES-SaaS by utilizing dedicated on premise encryption functions with key management to help improve performance and privacy.

## Security Services Provided by AT&T

AT&T Encryption Services are ideal for a variety of industries that have heightened security concerns.

Finance – one of the most vulnerable industries to cyberattacks in the world and needs the necessary security solution to help prevent the high costs associated with a data breach. Banks, brokerages, and insurers have a need to safeguard consumers from identity theft and unauthorized access to accounts.

Healthcare – medical records are ten times more valuable than data of other industries making the healthcare industry an enticing target for hackers. Healthcare providers need a way to share patient data in a highly secure manner without imposing on productivity.

Internet of Things (IoT) – devices and applications now collect data with the convenience of constant connectivity and real-time data. Data generated by these IoT devices and applications are inherently susceptible to cyberattacks, which could put businesses and individuals' privacy at a significant risk.

AT&T has a long legacy of providing security services which answer the need to address a defense in depth architecture, from the information level to the network level. You can count on AT&T as a reliable provider with true global reach for a comprehensive range of security services that can provide your business with integrated solutions to help support your complex networking environments.

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**For more information about AT&T Encryption Services, visit us at www.att.com/email-security or call us at 877.542.8666.**

Scan this code to learn more.

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