As manufacturers integrate the Internet of Things and become increasingly data-intensive, they have never been more primed for digital transformation. Forward-thinking companies realize the potential for better connectivity to deliver big benefits in terms of efficiency, cost savings, productivity, quality, and safety.

Turning to Technology

STRONG AGREEMENT: TECHNOLOGY AND DATA ARE KEY

Optimizing operations with technology is vital for competitive advantage
96%

Success is dependent on data from systems and devices
92%

Harnessing all that data is a challenge
81%

... AND CHANGE IS UNDER WAY

79% have made technology changes at the corporate or plant/factory level

60% have plans to make technology changes in the next 12 months

Great Minds: IT and Operations United on Objectives

TOP OBJECTIVES (% saying “most” or “very important”)

- Improving efficiency 65%
- Cost savings 58%
- Ensuring safety and compliance 35%
- Improving productivity 27%
- Improving quality 16%

Setting Expectations—IT and Operations Diverge

While IT and Operations teams share broad objectives, there’s divergence on where priorities lie for digital optimization. As digital transformation progresses, convergence between the teams is expected to draw these priorities in closer alignment.

Follow the Money—Spending Priorities to Support Digital Optimization

WHERE DIGITAL DOLLARS ARE BEING INVESTED: GETTING GRANULAR

Data analytics
42%

Internet of Things
41%

Consulting services
38%

Content delivery
32%

Mobile app development
40%

IoT devices and sensors
66%

Networks
52%

Ethernet and broadband
51%

WHERE DIGITAL DOLLARS ARE BEING INVESTED: GETTING GRANULAR

Mobile app development
40%

IoT devices and sensors
66%

Content delivery
34%

Preventive maintenance
42%

Consulting services
38%

Special Consideration: Safety & Compliance

THE MAJORITY EXPECT SAFETY TO BE ENHANCED VIA DIGITAL TECHNOLOGIES. ESPECIALLY OPERATIONS TEAMS. HERE’S HOW:

- Enables well-maintained equipment
- Easy measurement and reporting of safety metrics (63% Ops, 47% IT)
- Interactive training for employees (74% Ops, 37% IT)
- Clear signage for employees (57% Ops, 34% IT)
- Safe driver communication (68%)

The Internet of Things is an important enabler of the digital factory—but not the only enabler. Digital optimization depends on a strong connectivity foundation. Only then can the benefits—lower costs, better safety and compliance, and higher productivity—be realized.

For more information about The Digital Factory and how AT&T can help, go to www.att.com/manufacturing