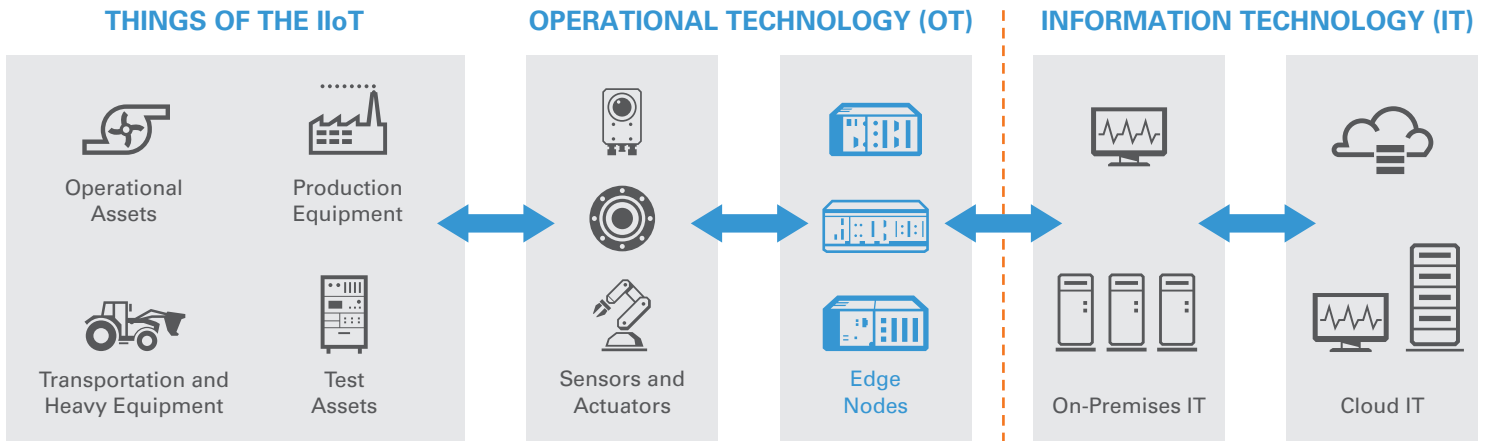


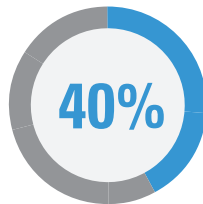
# Optimize the Things That Matter Most With **INDUSTRIAL IoT SYSTEMS**



## THE EDGE

INCREASE UPTIME WITH  
PREDICTIVE MAINTENANCE

**39,000**  
OPERATIONAL PASSENGER  
HOURS ADDED PER YEAR  
**LONDON UNDERGROUND**



**BY 2019** at least **40 PERCENT**  
of IoT-created data will be stored,  
processed, analyzed, and acted  
upon **AT THE EDGE**.<sup>1</sup>

BOOST PERFORMANCE  
WITH CONNECTED  
CONTROL AT THE EDGE

**20%**  
FASTER HARVESTING SPEED  
**FIREFLY EQUIPMENT**

DRIVE INNOVATION  
WITH CONNECTED,  
REAL-WORLD DATA

**95%**  
OF DATA IS NOW CENTRALIZED,  
ORGANIZED, AND ANALYZED  
**JAGUAR LAND ROVER**

## THE NI EDGE NODE ADVANTAGE

- N** **Nanosecond Analysis and Control**  
Assess and respond to inputs **860X** faster than the average human with FPGA-enabled hardware.
- O** **Open, Connected Software**  
Leverage technology from the **4 MILLION** IoT developers expected to be working by 2020.<sup>2</sup>
- D** **Data Acquisition From Any Sensor**  
Acquire and manage any of the **78 EXABYTES** of industrial data expected by 2020.<sup>3</sup>
- E** **Edge-Ready Hardware**  
Deploy hardware certified to withstand extreme environments since **0%** of OT assets are in an environmentally controlled data center.
- S** **Synchronization**  
Synchronize edge nodes to within **100 NANOSECONDS** of each other from anywhere in the world with Time Sensitive Networking.

For more information, visit [ni.com/iiot](http://ni.com/iiot).

