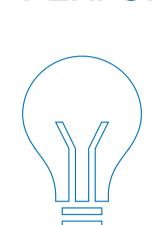


HOW WILL DATA CENTER MANAGERS MOST EFFECTIVELY BALANCE COST VS. AVAILABILITY, SPEED AND RISK?

PERFORMANCE: ACHIEVING MORE WITH LESS



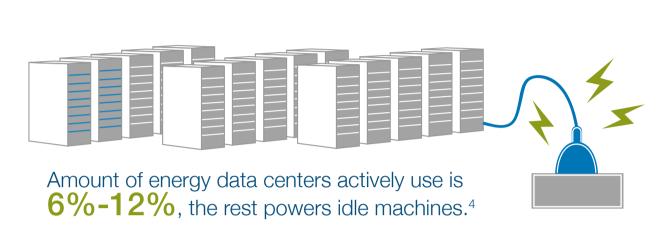




In 2013, data centers consumed 30 Billion Watts globally.1 Average cost of data center downtime is \$474,000/hour.²

\$13,000,000,000

Data centers will cost \$13 billion to run annually by 2020.3



A MOVEMENT TOWARD BIGGER DATA CENTERS AND CLOUD





Industry analysts expect data energy consumption to continue to GROW AT A RATE of more than 9% per year through 2020.6



Over 35% of enterprises are moving to application deployments in the cloud.7



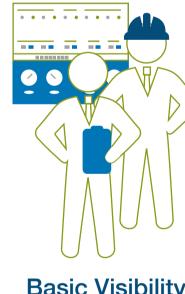
By 2018: data centers will occupy 2 billion SQUARE FEET worldwide.8

Mega data centers will eventually account for 72.6% of all service provider data center construction worldwide.8

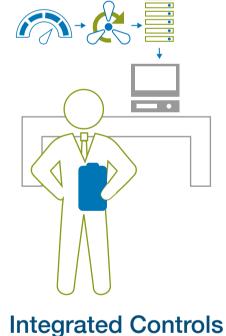


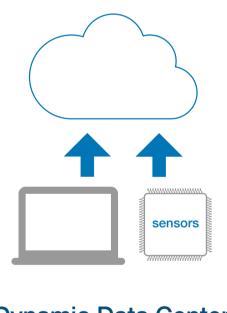
HOW HAVE DATA CENTERS BEEN EVOLVING?





Basic Visibility





Dynamic Data Center

THE ANSWER: THE INDUSTRIALIZED DATA CENTER: AUTOMATED, HYPERSCALE, SECURE.

ABB's key indicators of DCIM success:







Human error is the root cause of 60%-80% of data center downtime, year after year.9



ABB Decathlon® for Data Centers provides intelligent, flexible, adaptable and ultimately autonomous control of the entire data center or fleet of data centers.

Data center automation means all physical and virtual infrastructure managed as a single system. ABB Decathlon for Data Centers merges industrial monitoring and control systems, facility operations, IT and connectivity to enable a fully automated data center.

By using monitoring, control technologies, BI, and full facility and IT systems integration, DCIM enables:



Resource forecasting & energy planning



Troubleshooting &







9. facilitiesnet.com, 2013

