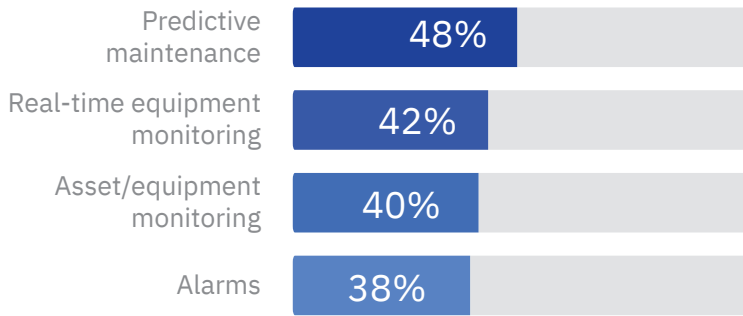


# Cyber attackers don't wait

## GCC industrial, energy and utility companies need effective IoT security to reduce the risk

IoT is widely adopted in Gulf Cooperation Council (GCC) company operations



But their OT/IoT networks are vulnerable



At least 92% of IoT deployments are occurring **without a full quantification of the risk**



90% of known IoT vulnerabilities have **not been addressed by security controls**



63% say the greatest challenge to securing their IoT deployments is a **lack of highly skilled cybersecurity resources**

### Catch up to the threat



Manage IoT security risk at an enterprise level



Break down the silos between IT and OT organizations



Use practices and protective technologies to mitigate IoT security risks

### Nine controls, practices and technologies differentiate top IoT security performers

#### Critical security controls

1. Inventory of authorized and unauthorized software

#### Operational and technical practices

2. Clear service level agreements for security and privacy
3. Automated scanning of connected devices
4. Devices with built-in diagnostics to detect malfunctioning
5. Secure and hardened device hardware and firmware

#### Cognitive practices

6. Advanced behavioral analytics for endpoint attack/breach detection and response
7. AI technology for real-time security monitoring and/or responses to threats

#### Protective technologies

8. IoT device user privacy controls
9. IoT authentication

Can you reduce the risk of IoT in your operations?  
To learn more, visit: [ibm.biz/iotthreats](https://ibm.biz/iotthreats)