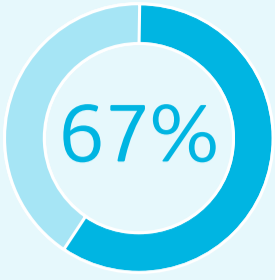


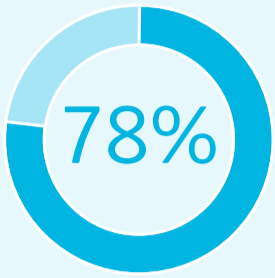


The Impact of Cyber Attacks on Critical Infrastructure

Attacks are real...



of companies with critical infrastructure suffered at least one attack in the past 12 months.¹



expect a successful exploit of their ICS/SCADA systems within the next two years.¹

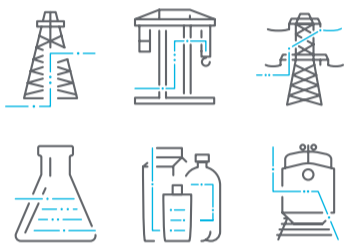


79,790 security incidents per company across **61** countries in 2014.²

ICS-CERT strongly encourages taking immediate defensive action to secure ICS by using defense-in-depth principles.

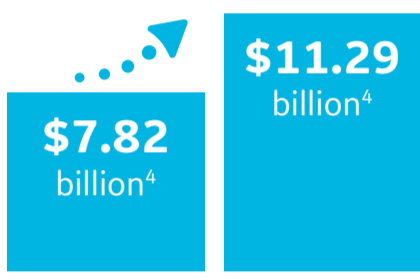
66%

of organizations are not ready to address security issues for OT.³



That's why the ICS security market is projected to grow.

7.6% CAGR⁴



Why companies need and trust GE Digital for their OT cyber security needs

55.4% CAGR⁴



Revenue growth for Wurldtech, now part of GE Digital.

Utilities statistics



91% of power generation organizations have experienced a cyber attack⁵

38% of reported attacks are against power and water⁶



79 energy incidents were reported⁶



14 water incidents were reported⁶

159 vulnerabilities

reported, with most of them impacting systems used in the energy sector⁶

Oil & gas statistics

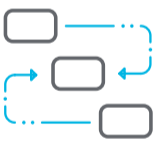
25% NIST have adopted the voluntary NIST Cybersecurity Framework⁷



31% of boards review current security risks⁷



84% year-over-year growth, current employees as source of security incidents⁷



40% of respondents have an incident response plan in place in case disaster strikes⁸



108% year-over-year growth, foreign nation-states as source of security incidents⁷



29% have no real-time insight into cyber threats⁹



61% believe it's unlikely they would be able to detect a sophisticated attack⁹



51% have not deployed technology to detect or prevent advanced persistent threats⁹

5,500: average number of cyber security incidents per oil & gas respondent in 2014⁷

We understand industrial security

Our clients are:

5 of the **top** oil & gas companies



9 of the **top 10** automation vendors



Sources:

- 1 Critical Infrastructure: Security Preparedness and Maturity (July 2014), Unisys and Ponemon
- 2 Verizon Data Breach Investigations Report 2015, Verizon
- 3 2015 Global Megatrends in Cybersecurity, Raytheon and Ponemon
- 4 Industrial Control System Security Market by Technology, Services, Verticals—Global Forecast to 2019, Markets and Markets⁷
- 5 Bayar, T. (2014, Oct. 14). Cybersecurity in the power sector. Power Engineering International, Vol. 22/#9.
- 6 2014 ICS-CERT Statistics for Energy and Water
- 7 Global State of Information Security Survey 2015 (Oil & Gas Industry Summary), PWC
- 8 Fox-IT.com (2015, Feb. 3).
- 9 Oil and Gas Cyber Security: Time for a Seismic Shift, 2015, EY

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About GE Digital

GE Digital connects streams of machine and process data to powerful analytics and people, providing industrial companies with valuable insights to manage assets and operations more efficiently. World-class talent and software capabilities help drive digital industrial transformation for big gains in productivity, availability and longevity. It leverages Predix, the cloud-based operating system, purpose built for the unique needs of industry.