INDUSTRIAL CONTROL SYSTEMS ASSESSMENT SERVICE – UTILITIES

As connectivity increases, so does the number of entry points for a potential security breach in your network. The vulnerabilities in your operational technology (OT) environment – and any associated risks may be known or unknown.

Obtaining a high-level security risk assessment of your network could be an important step to help defend your assets against any potential threats. It is also crucial to consider the OT/IT environments integration security risks.

How we can help

We'll provide a high-level security assessment of your OT environment to give you an overall picture of risks and vulnerabilities. Our assessment will include your organisation's industrial control systems (ICS); process control systems (PCS); and supervisory control and data acquisition (SCADA) systems. Importantly, we'll also look closely at the integration with your IT environment. Once you receive our final reports, you'll be in an excellent position to take any steps required to upgrade your OT security.

Key benefits

You'll gain an overview of the most common operational technology security issues, including:

- gaps, risks and deficiencies in your ICS, PCS and SCADA systems such as:
  – programmable logic controls
  – human machine interfaces
  – remote terminal units
  – supporting software versions
  – supporting governance, etc

- recommendations for improvements to your security posture

- a high-level roadmap of prioritised security initiatives

- architectural, policy and procedural reviews

- disaster review, business continuity program review, and design recommendations.

Engagement process

DISCOVER	ASSESS	ANALYSE	RECOMMEND
What you need	**What we do**	**What you get**	**What you do**
• An appraisal of the potential security deficiencies within your ICS, PCS & SCADA. • Recommendations for mitigating risks or areas for concern once security vulnerabilities have been identified. • Ways to improve your overall systems' security posture – along with consideration of how they integrate with your IT environment.	Our expert team will: • work with your stakeholders to gather your requirements, business drivers, and organisational goals • develop an initial engagement plan • provide you with regular reporting in accordance with your requirements • walk you through our findings, and offer carefully considered recommendations.	You'll receive a number of specialised services, which will include: • the combined expertise of a Telstra security consultant and a utility industry specialist • a comprehensive security risk and vulnerabilities assessment report • detailed recommendations and suggestions for remediation • supporting documents as required (eg, governance frameworks, procedural controls).	To get the best results from this service, you'll need to: • provide up-to-date documentation relating to your current ICS architecture and design, as well as any other relevant information that our consultants require • coordinate involvement of your stakeholders; ensuring their input and engagement throughout the assessment exercise • identify any external stakeholders, or factors which may affect decision-making.

Utilities professional services and more

This is one of a series of specialised services that we have created to help you maximise your smart utility networks strategies and help you achieve greater operational efficiencies (eg by integrating new intelligent sensors/devices to your existing networks) and further cost savings.

We can assist in the identification, design, and transition to intelligent, resilient networks with near real time monitoring, control and analytics. Our Telstra consultants will assess current issues, make recommendations for best fit solutions, develop solution designs and can develop business cases for the implementation of the solution.

We offer a dedicated range of services for utilities, including:

Data and Analytics   **Solution Design**   **Project Portfolio Mapping**

This industry-leading range is just part of a much bigger picture. We can also help you across a broad portfolio of consulting services, covering multiple aligned domains. These include Cloud, Collaboration, Networking, Security and many others.

Our team will take into consideration your business strategy, and your wider technology environment. Telstra offers you the best of all worlds – highly skilled people and a rich portfolio of services, delivered on our world-class mobile and fixed networks.

contact your Telstra account executive
telstra.com.au/business-enterprise/industries/utilities

IT'S HOW WE CONNECT

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