OPERATIONAL TECHNOLOGY CYBERSECURITY EXCELLENCE

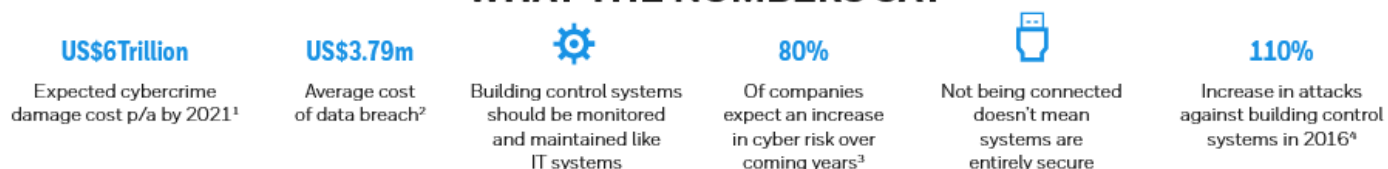Honeywell Compliance and Risk Monitoring

Honeywell

Your operational technology needs cybersecurity now that it's connected to your internet-enabled systems. Honeywell Compliance and Risk Monitoring has you covered.

Over the last decade, governments and businesses alike have invested heavily in ongoing IT (information technology) security solutions, but OT (operational technology) security risks – like critical building and process control systems – are often overlooked and monitored or maintained at a low level, resulting in a vulnerable OT environment and potential cybersecurity risks and incidents. Over-the-counter virus-protection software won't cut it, and firewalls no longer provide sufficient protection to address these challenges.

As buildings, processes, and overall operational management become ever more internet-connected, the ability to see and act on inconsistencies in inputs to all those connected devices also increases exponentially. That's not an easy job when there are so many variables that can lead to or exacerbate operational disruptions and threaten intellectual property (IP), sensitive business data, and personally identifiable information (PII). And then there's the damage to your brand reputation if a problem results in public notoriety.

The challenges are significant:

WHAT THE NUMBERS SAY

US$6Trillion	**US$3.79m**		**80%**		**110%**
Expected cybercrime damage cost p/a by 2021[1]	Average cost of data breach[2]	Building control systems should be monitored and maintained like IT systems	Of companies expect an increase in cyber risk over coming years[3]	Not being connected doesn't mean systems are entirely secure	Increase in attacks against building control systems in 2016[4]

1 https://1c1ab3lm83l5gqixw?qqp2k-wpengine.netdna-ssl.com/2015-wp/wp-content/uploads/2017/10/2017-Cybercrime-Report.pdf
2 https://www.oasis-open.org/events/sites/oasis-open.org.events/files/Day7-SessionA-Allor.pdf
3 https://www.raytheon.com/sites/default/files/2018-02/2018_Global_Cyber_Megatrends.pdf
4 http://www.ibm.com/security/services/managed-security-services/?ca-ISM048&bcl-SWG&cmp-IBMSocial&cm-h&cz-Security&ccy-US

INHERENT RISKS IN IT/OT SYSTEMS

Minimize cyber risks to your business's safety and security as well as its operations and production. Reduce cost while still adhere to Cybersecurity Frameworks[1] and customer specifications. And keep ransomware risks and intellectual property/confidential info theft as low as possible with Honeywell Compliance and Risk Monitoring, an efficient, operator-friendly solution to monitor and control every level of your operation.
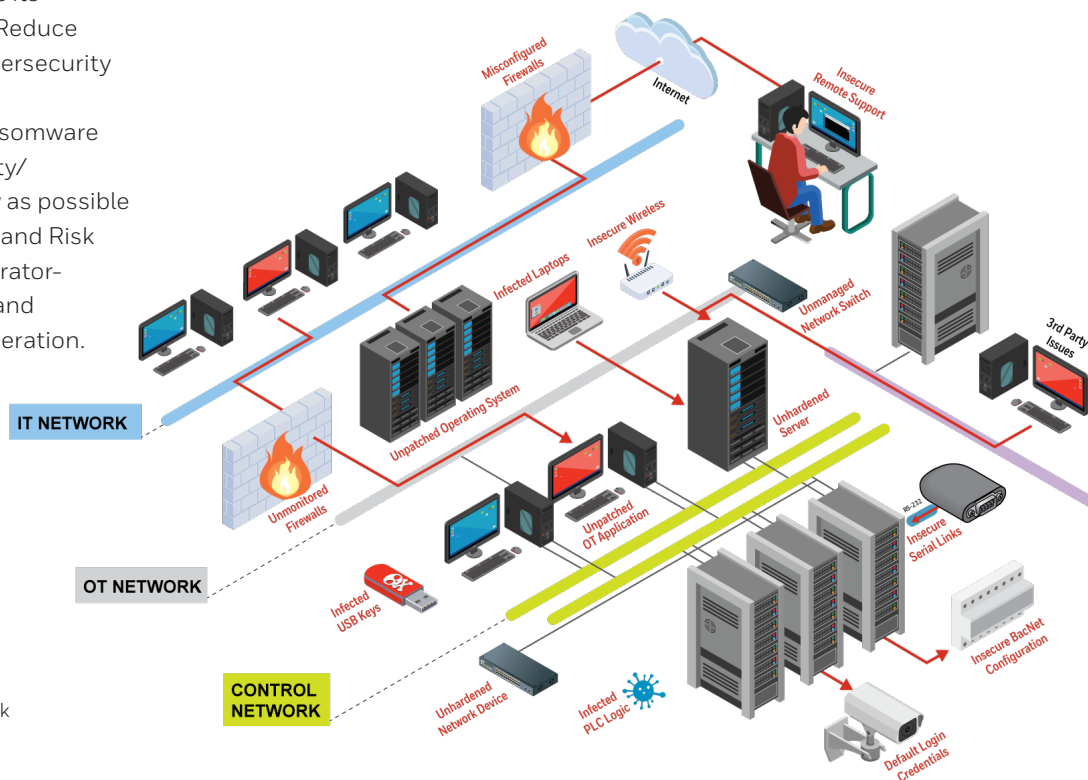
1 – NIST Cybersecurity Framework and MITRE ATTack Framework

OUR EXPERTISE IS YOUR ADVANTAGE.

With decades of OT experience stemming from even longer expertise in process and building control, both as an OEM and service provider, Honeywell's proficiency with OT and IT convergence can minimize threats and maximize system uptime. Both a pioneer and leader in cybersecurity with industry-leading offerings, Honeywell is especially strong in OT cybersecurity, a crucial element in the Internet of Things (IoT). Our unique technical advantages include networking security patents like the first networked distributed control system (the TDC 2000 in 1975), the first industrial wireless mesh network (OneWireless in 2007), and many of the world's first smart devices.

Today, we integrate this experience with next generation AI (artificial intelligence) to profile OT devices, identify threats faster, and both alert on and triage anomalies so you can take action or configure optional automated responses. To mimic real systems, our AI and Honeywell programmed behavior is incorporated into network analysis to locate potential problems. This approach can defeat zero-day incidents (first-seen Advanced X Threats/AXT).

HCRM enables you to watch over your assets and quickly lets you know when new assets connect or when existing assets make new connections deviating from their usual behavior. It checks for known threat signatures and learns the normal communication patterns within a network – such as protocols, traffic load, and who is communicating with whom – and alerts you to threats and abnormal behavior. In short, it's like having a master analyst watching over your system 24/7, always observing and analyzing to help protect your data.

Reduce Attack Exposure

- Secure access to OT environments maintained by numerous employees and vendors
- Find unknown/ unmanaged OT assets to actively monitor, manage, and protect

Manage Risk and Compliance

- Proactively identify new risks
- Find and manage vulnerabilities specific to OT devices
- Prioritize risk and remediation
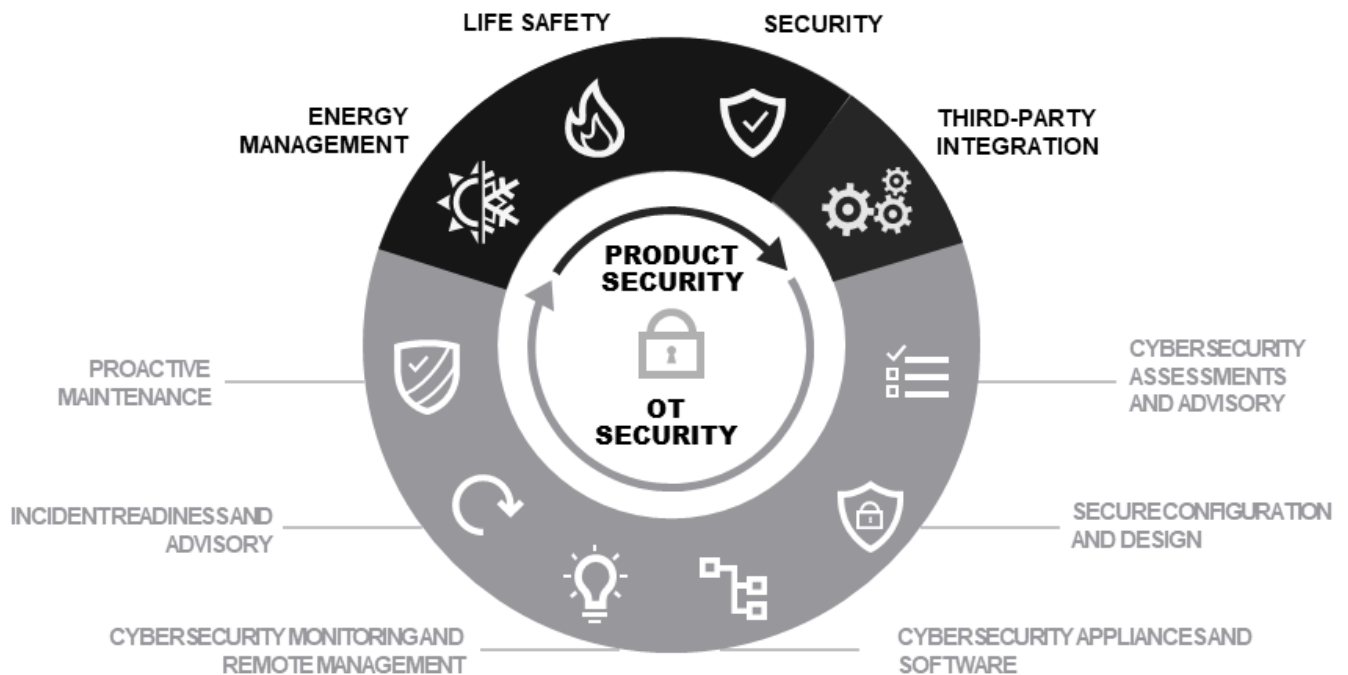
Reduce Complexity

- Efficiency and simplicity with a single suite of solutions all sold and implemented by Honeywell
- Flexible physical and virtual options for any type of operational environment
- Can be managed by Honeywell for clients needing higher-level OT cybersecurity skills

HONEYWELL COMPLIANCE AND RISK MONITORING MAKES IT HAPPEN

Whether you work in an industrial environment, government, education, healthcare, a transportation hub, a commercial bank, or corporate facilities management, HCRM can help you create an efficient, effective, operator-friendly OT system with a proven, scalable solution to optimize the integrity, availability, and safety of your systems. As a trusted provider and industry leader, Honeywell takes a holistic approach to cybersecurity, allowing you to mitigate potential risk and damage while ensuring compliance.

Connect it all with confidence with Honeywell HCRM, just one of our overall cybersecurity solutions

HONEYWELL IS A LEADER IN CYBERSECURITY PERFORMANCE MANAGEMENT

LIFE SAFETY

SECURITY

ENERGY MANAGEMENT

THIRD-PARTY INTEGRATION

PRODUCT SECURITY

OT SECURITY

PROACTIVE MAINTENANCE

CYBERSECURITY ASSESSMENTS AND ADVISORY

INCIDENT READINESS AND ADVISORY

SECURE CONFIGURATION AND DESIGN

CYBERSECURITY MONITORING AND REMOTE MANAGEMENT

CYBERSECURITY APPLIANCES AND SOFTWARE

THE FUTURE IS WHAT WE MAKE IT

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