# Honeywell

THE POWER OF **CONNECTED**

# Honeywell Cybersecurity Solutions

From land to sea to air, Honeywell offers systems solutions for managing security

## Big Data Analytics

- Architected for the data-driven cloud, mobile first and analytics-empowered era, this solution monitors and manages devices and unifies the foundation to build and deploy connected business applications. It's faster and more cost effective than individually built solutions

- Open application programming interfaces and flexible architecture enables applications across the spectrum of consumer, commercial, aerospace, and industrial offerings

- Honeywell Sentience is a secure, standards-based Internet of Things (IoT) software platform that powers connected Honeywell solutions

## Trusted Secure Communications

- Honeywell's systems use cryptographic model encryption for data confidentiality and integrity that is approved by the Federal Information Processing Standard (FIPS-140-2)

- Enforces multi-factor, strong authentication to assure confidentiality of system session integrity and user authentications

- Uses hardware and software-based domain separation to securely bridge aircraft domains

## Connected Security Assurance Center (CSAC)

- Honeywell's Connected Security Assurance Center for end-to-end monitoring

- Will specialize in data collection, penetration testing and predictive analytics that enable operators to stay a step ahead of the threat and take preventative action rather than waiting to respond after a cyberattack occurs

- The CSAC will work with Cybersecurity teams across the globe to deliver Honeywell's threat intelligence and analytics capabilities across connected factories, industry sectors, home, transportation systems and aerospace

## Satellite Communications – Satellite Payloads

- Highly integrated, custom microwave payload solutions

- Failsafe redundancy for assured communications

- Efficient packaging for reducing mass and volume

- Automated design and manufacturing minimizing delivery time

- Enables satellite connectivity for continuance of operations
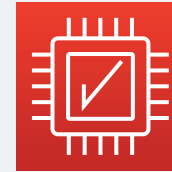
## Trusted Microelectronics (VISM)

- Vertically Integrated Secure Microsystems (VISM) featuring embedded security through Honeywell's 3D-monolithic technology

- Custom design and fabrication available for first article units and subsequent manufacture

- Can be used for commercial off-the-shelf or application-specific integrated circuits with compatibility for all packaging technology

## Secure Modular Systems for Land, Sea, Air Systems

- Algorithms for securing Field Programmable Gate Array (FPGA) circuits

- Enables design for exportability

- Can be used with legacy systems across multiple common systems platforms
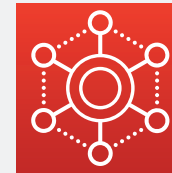
## Operations Management Platform

- Top-down security management solution

- Field-proven technology (ICS SHIELD®)

- Unrivaled visibility, reliability and compliance for industrial plant operations

N40-2108-000-000  |  11/17     © 2017 Honeywell International Inc.

aerospace.honeywell.com/cybersecurity