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.

**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.

**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.

**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.

**Operations Management Platform**
- Top-down security management solution.
- Field-proven technology (ICS SHIELD®).
- Unrivaled visibility, reliability and compliance for industrial plant operations.

**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).
- Ensures 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.

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