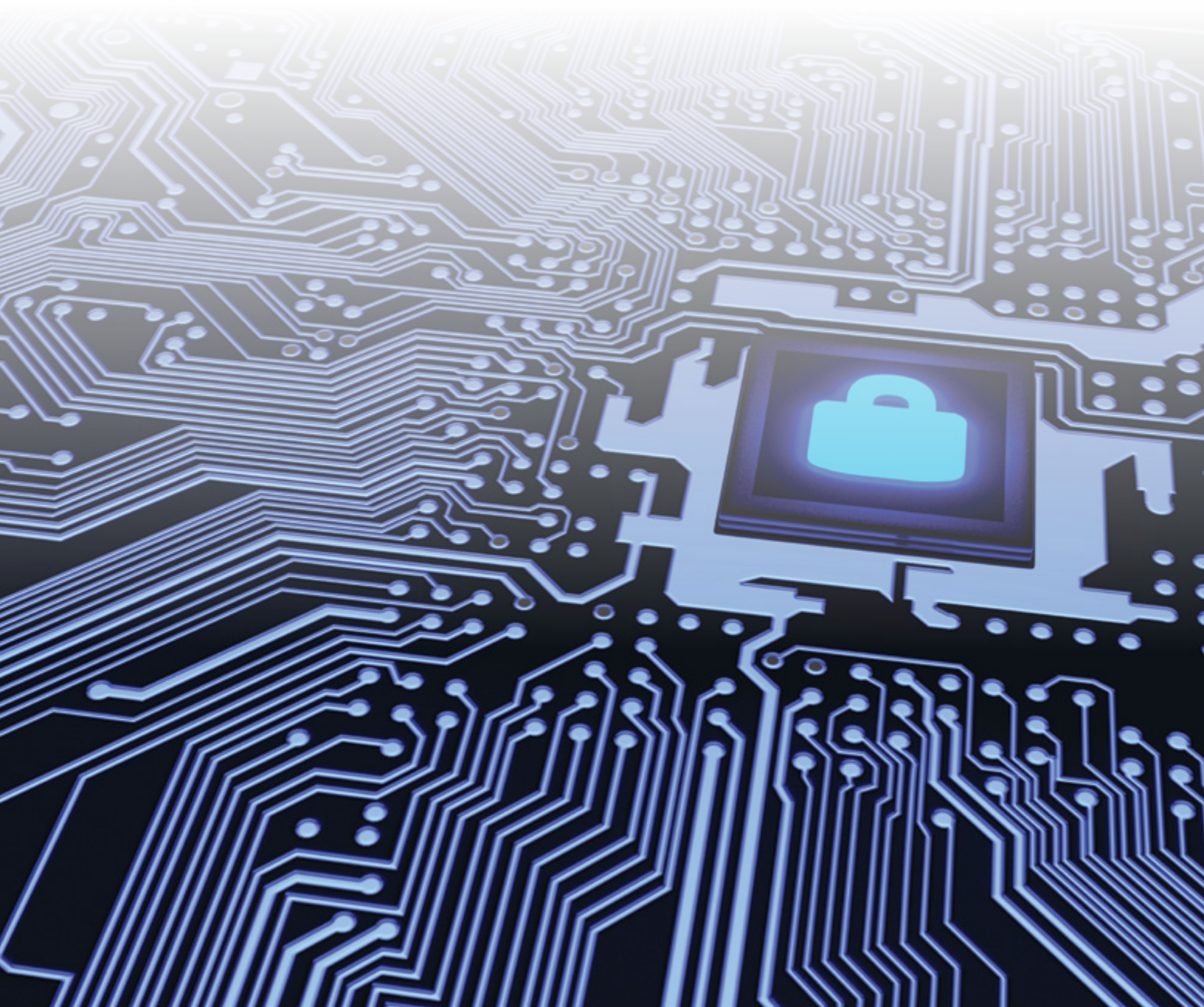# Aerospace Cybersecurity Solutions

Cybersecurity is a critical concern in the age of the Connected Aircraft. As the provider of nose–to–tail connectivity solutions, Honeywell Aerospace is setting the industry standard in protecting the critical information flow to and from the aircraft. Aerospace Cybersecurity Solutions addresses current and future risks to flight safety and the integrity of the enormous amount of data coming on and off a Connected Aircraft.

Cybersecurity in a Connected World

Flying in a commercial airplane continues to be extremely safe and secure. But cyber threats are everywhere, and hackers do not play favorites. The government is vulnerable. So are big corporations, small businesses and individuals. So are aircraft, airlines and flight departments. Documented attempts to hack primary domains like aircraft control, aircraft information systems, passenger information and entertainment systems, and passenger personal devices are few and far between. But, with the proliferation of digital cockpits, smart mechanical systems, satellite communications and Connected Aircraft, operators can't afford to be complacent when it comes to cybersecurity.

The aerospace industry is making cybersecurity a top priority. As the leading provider of integrated connectivity solutions – encompassing hardware, airtime and services – Honeywell has always placed a premium on protecting the safety, security and integrity of critical information, systems and software.

A Unique Approach to Aerospace Cybersecurity

Security – like flight safety – is a basic requirement in this digital age, and Honeywell works hard to ensure that every product, software solution and application we produce has the best–available, end–to–end cybersecurity countermeasures embedded. We're also using our unique expertise to leapfrog the status quo and develop new and better ways to protect the integrity of data coming onto or leaving the airplane. That's what the Aerospace Cybersecurity Solution is all about.

Many IT companies and integrators offer one-size-fits-all cybersecurity solutions. With Aerospace Cybersecurity Solutions, Honeywell can provide proactive protection to counter the unique challenges faced by air transport, defense and business aviation operators. Our expertise in satellite communications goes back decades, and we're on the leading edge of the Connected Aircraft revolution that is altering the flying experience for pilots and passengers alike.

Honeywell produces integrated hardware and software systems for the Connected Aircraft that use layered security measures to deliver multifactored authentication, encryption, data integrity and multi - factor authentication.

The satellite communications system is the hub of the Connected Aircraft and the place where all domains intersect. This includes the aircraft control, aircraft information services, passenger information and entertainment services, and passenger-owned device domains. A cybersecurity breach through one domain may threaten others, sso we have developed the ability to detect and isolate threats and mitigate the risk of a hacker from entering one domain through another.

Honeywell's Cybersecurity Assurance Center is a key element of the cybersecurity protection that only Honeywell can provide. The center specializes 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.

Key Benefits:

- *Provides an end-to-end approach to aerospace cybersecurity*
- *Protects passengers, employees and assets from cyberattacks*
- *Uses predictive analytics to proactively address potential threats*
- *Embeds technical controls to protect all domains*
- *Offers protection through a unique Cybersecurity Assurance Center*

For more information
aerospace.honeywell.com

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