

# #becrypt

## Built with UK Government

APP-XD is based on the HiTMAN Cross Domain Solution (CDS) architecture developed in collaboration with UK Government. The HiTMAN architecture enables generic bi-directional CDS, providing greater flexibility than one-way diodes or fixed application gateways. APP-XD supports a range of use cases out of the box, and through an API architecture, provides a dynamic and easy to use open standard interface for additional application development.



## A modern gateway for a dynamic world.

APP-XD provides flexibility through its use of dynamic bi-directional APIs - allowing CDS architectures to evolve over time, reducing through-life costs and enabling service flexibility.

For product overview and technical details please get in touch via [info@becrypt.com](mailto:info@becrypt.com)

# APP-XD

## HIGH ASSURANCE CROSS DOMAIN

APP-XD provides secure connectivity for applications and services communicating across diverse and high-risk networks and when accessed externally. APP-XD strictly controls and validates what information can flow in and out of networks, with far greater assurance than commercial Firewalls.

APP-XD moves an organisation's network defence from fallible anomaly detection, to assured network protection, allowing hardware-based validation of all network traffic against rules that define what good looks like for communicating services and applications.

**Sample Use Cases** for critical national infrastructure include:

- Document import and validation;
- Secure file browsing across trust domains;
- Cross domain calendar synchronisation;
- Management infrastructure protection;
- CI/CD Pipelines;
- Cross domain infrastructure management; and,
- An infinite range of custom applications.

In addition to support for standard off-the-shelf applications, APP-XD is developer friendly, allowing independent development of cross domain applications with an easy to use API SDK and software emulation.

## Key features

- Secure API integration across trust domains
- Bi-directional HTTP Rest support
- High Assurance architecture for military and critical systems
- Government (CAPS) and commercial variants available
- Avoids low-side data exposure with hardware decryption
- Simplifies multi-diode architectures to a single device
- Hardware based message validation
- Remote management for secure patching and audit
- 10Gbps throughput and load balancing support
- Enables independent developer-friendly ecosystem
- API model minimises through-life costs and dependencies
- Avoids data modification for support of Zero Trust Architectures
- Single Appliance supports multiple simultaneous applications

