



Advanced Remote Access Protection

While organisations improve their cyber resilience, the complexity of modern enterprise software means that Zero-Day vulnerabilities and supplier weaknesses present significant risks. Remote access protocols - RDP, SSH, VDI and VNC - can become relevant targets for exploitation.

Trusted, validated and resilient network protection

Secure your network from remote access threats through **Becrypt VDI Guard**. Designed to provide robust protection against remote attacks targeting exposed services such as VDI, RDP, SSH or VNC.

Becrypt VDI Guard was designed for government, CNI and organisations with stringent security needs in elevated threat environments. It ensures validated access to critical network services while mitigating Zero-Day vulnerabilities.

For more information, please get in touch -

info@becrypt.com

Becrypt VDI Guard

An APP-XD Application

Becrypt VDI Guard protects organisations from remote access protocol vulnerabilities.

Designed for organisations that face elevated levels of cyber threat, VDI Guard prevents adversaries from exploiting known and unknown vulnerabilities in remote access protocols. Becrypt VDI Guard uses the APP-XD High Assurance Cross Domain solution to provide hardware-based validation of network traffic. Unlike standard firewalls, VDI Guard is not dependent upon anomaly detection, but ensure that all inspected network traffic conforms to defined protocol schema.

Typical Becrypt VDI Guard use cases include providing robust protection for remote administrative access, or network connectivity of collaborating partner organisations.

Key features

- Comprehensive remote access security
 - Validates network traffic across RDP, SSH, VDI, and VNC protocols.
 - Mitigates both known vulnerabilities and Zero-Day exploits.
- Designed for Critical National Infrastructure
 - Tailored to meet the stringent security requirements of CNI sectors.
 - Ensures resilience against targeted, high-impact threats.
- Hardware-based traffic validation
 - Integrates with Becrypt's High Assurance Cross Domain Solution (APP-XD).
 - Enforces hardware-level validation across the network stack.
- Zero Trust remote access
 - Every connection undergoes strict validation and authentication.
 - Minimises the attack surface by rejecting unauthorised traffic.

Becrypt VDI Guard and Becrypt APP-XD

Becrypt APP-XD is a High Assurance API Gateway designed in collaboration with UK Government to enable secure controlled connectivity between trust domains. Examples of APP-XD applications include 'High-Side' management system isolation, and Cross Domain secure messaging.