Deploying DPRM

Four Core Pillars

CERTES

1 Data Payload Protection

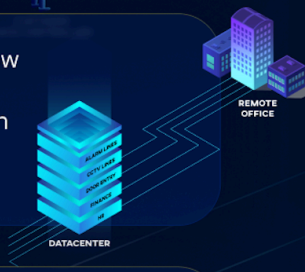
- Targets only the defined sensitive content inside network packets, not the whole packet.
- Keeps data unreadable even if intercepted, drastically reducing exposure risk.

2 Separation of Key & Policy Ownership

- Places all control, keys and policies - with the customer or data controller.
- Prevents vendors or network providers from having decryption access, reducing regulatory liability.

3 Crypto Segmentation

- Encrypts each application data flow with dedicated keys.
- Enables fine-grained, policy-driven protection for each flow, without disrupting network performance.



4 Unified Reporting on Data Security

- Offers real-time visibility into protected, blocked, and allowed data flows.
- Supports compliance through rich audit logs, ease of integration with SIEMs, and rapid anomaly detection.

How are you protecting your most valuable asset, your data?

Quantum-safe security: Future-proof your digital fabric with Certes

CERTES DPRM:
BREAKING THE KILL CHAIN.

How Certes Data Protection & Risk Mitigation (DPRM) prevents Active Directory breaches before they happen: By breaking the kill chain, we can stop attacks in their tracks – protecting the data rather than relying solely on network-based defenses.

How does DPRM break the kill chain?

- Preventing Escalated Privileges
- Mitigating Data Exfiltration
- Quantum-grade encryption

01 Recon
Gather intelligence about a target network

02 Delivery
Malware sent to target system

03 Exploitation
Malware executed on target system

04 Privilege Escalation
Gains full control with admin-level privileges (gaining admin rights)

This is where traditional perimeter security fails to protect your data, leaving you exposed

& where DPRM's proactive approach succeeds in protecting your data, keeping you safe

05 Data Exfiltration
"Double Extortion" Steal sensitive data before encrypting local copy

06 Encryption
Render data inaccessible to the victim

DPRM stops the extortion and ransomware demand by making the data useless to the attacker, devaluing it and giving them nothing to use against the target company

07 Extortion & Ransom Demand
Demand payment to restore access

The Result:
The kill chain is broken at the most critical stage, preventing ransomware from spreading and stopping data exfiltration before it even starts.