NEC XON secures your business-critical patient data

The Threat

NEC XON's xCTEM (Extended Continuous Threat Exposure Management) is a cyber threat anticipation platform that monitors the dark web, detects credential leaks, and identifies attack surfaces to detect threats for NEC XON customers before they become reality.

In one instance, the solution informed the NEC XON Cyber team that a new credential (employee's enterprise ID) had been leaked and was up for sale on a known dark web credential trading platform. An investigation revealed that the credential was new and linked to a shared platform used by doctors, sub-contractors and other medical organisations to pull patient data & medical aid information.

The credential was tested by the cyber team and we successfully logged in and accessed a multitude of South African citizens' confidential health data - a serious business risk to our customer.

The Response

The NEC XON Cyber MDR (Managed Detection & Response) Team mobilised and assessed overall business risk based on the access privileges assigned to the compromised account. The account password was immediately reset and the third party was engaged to inform them of the leak.

The shared platform does not currently support MFA due the diverse user demographics of its base. The xCTEM platform continues to monitor and anticipate any credential leakage.

The development team was engaged and is busy adding MFA to the platform to ensure overall identity security resilience.

The Benefits

Cyber Threat Anticipation: By anticipating possible cyber-attacks using xCTEM warning systems, NEC XON can inform customers of credential leaks before they are used in cyber attacks

Cyber Threat Prevention: The xCTEM platform's early warning enabled NEC XON to protect the customer proactively.

Secure Patient Data and Improved Customer Trust: These robust cybersecurity measures safeguard sensitive patient information and foster greater customer (and consumer) trust and confidence.

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Our extensive knowledge of adversarial tactics, how threat actors operate, and how they gain access to healthcare organisations enables us to facilitate low-downtime migrations to effective incident response systems.

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Armand Kruger
Head of Cyber Security
NEC XON

Learn more about NEC XON at **nec.xon.co.za**

Achieve greater cyber resilience & survivability

01 **Minimised disruption, maximised sustainability**
Data breaches disrupt productivity. NEC XON's approach ensures smooth operations, saving resources and reducing business impact.

02 **Cyber Threat Anticipation through xCTEM (Extended Continuous Threat Exposure Management) is the next generation of** cyber security innovation - because **reactive cyber security** is an existential threat.