National Clearing Company of Pakistan Limited (NCCPL)

In strong collaboration with JBS, NCCPL implemented Micro Focus® SIEM Solution to build stakeholder confidence by establishing central view of data access.

Overview
National Clearing Company of Pakistan Limited (NCCPL) provides clearing and settlement services to the Pakistan Stock Exchange Limited. To maintain credibility in the Pakistan capital markets it must remain secure and compliant. By adopting Micro Focus ArcSight Enterprise Security Manager (ESM) in its new Cyber Security Operation Center, the organization has complete visibility of how critical information is being accessed.

Challenge
For NCCPL, a key focus is on ensuring business on the Stock Exchange is conducted ethically, lawfully and fairly. It is a key component in building confidence in Pakistan’s capital market. Accordingly, NCCPL prioritizes business continuity and transparency.

“We crave a collaborative approach to information security, but for that to work we need a centralized dashboard for monitoring every event across the organization.”

AMIR AKHTAR JAMILI
Chief Information Security Officer
National Clearing Company of Pakistan Limited

“High quality audits can help stave off potentially catastrophic problems,” says Amir Jamili, CISO, at NCCPL. “Fraud, abuse or non-compliance with government regulations can all be hidden beneath the surface of day-to-day accounting practices, and can become more pronounced the more our company grows.”

NCCPL must maintain strict monitoring of authorized access to critical business data.

“In today’s heterogeneous environments, we’re facing multi-dimensional issues regarding managing and manipulating business data,” says Amir Jamili. “We crave a collaborative approach to information security, but for that to work we need a centralized dashboard for monitoring every event across the organization.”

For Amir Jamili, the challenge is to balance access to this data with the necessary security measures. “We want users to access the data dashboard, but with the security control — and we need to show what type of access is being made, by whom, and with whose authorization.”

In the past, NCCPL was using a Security Information & Event Management solution provided by a very well recognized corporation in the information security market, but the solution had proved difficult to integrate.

At a Glance

- Industry
  Financial Security

- Location
  Pakistan

- Challenge
  Create a centralized dashboard for monitoring data access across the organization.

- Products and Services
  Micro Focus ArcSight Enterprise Security Manager

- Results
  + Strengthens corporate security with single view of data access.
  + Builds in-house expertise through remote support, and in-country assistance from local partner.
“ArcSight offers unmatched breadth, depth, and speed of event collection with patented log management tools. It provides a central point for analysis of daily business operations. Armed with all this data, we can detect unusual or unauthorized activities as they occur.”

NATASHA SHOAIB MIRZA
Information Security Expert
National Clearing Company of Pakistan Limited

“We’d bought another SIEM product but there was no local support from the vendor in Pakistan,” says Amir Jamili. “We were having problems integrating it ourselves.”

Solution
To centralize its security management, NCCPL had created a Cyber Security Operation Center. The key element of this, the Security Information & Event Management Solution, is ArcSight ESM, acquired through Jaffer Business Systems Pvt. Limited.

ArcSight ESM analyzes and correlates every event that occurs across NCCPL—every login, logoff, file access, database query. It provides a Big Data analytics approach to enterprise security, transforming Big Data into actionable intelligence.

“ArcSight offers unmatched breadth, depth, and speed of event collection with patented log management tools,” says Natasha Shoaib Mirza, Information Security Expert at NCCPL. “It provides a central point for analysis of daily business operations. Armed with all this data, we can detect unusual or unauthorized activities as they occur.”

Crucially, support for ArcSight was provided remotely, via a support center in Singapore. “We had online or video conference support whenever we needed, plus the in-country support of Jaffer Business Systems (Pvt.) Limited (JBS) here,” says Amir Jamili. “JBS walked us through the configuration and implementation. We had several training sessions, plus JBS staff sat alongside my team.”

Results
ArcSight ESM now provides complete visibility of how critical information is being accessed across NCCPL. It provides benefits in real-time, and establishes a context. ArcSight collects, stores, and analyzes any event from any source and anytime, allowing NCCPL to learn from historical records.

“The virtual training option was wonderful, and the support center works great,” says Amir Jamili. “We had a great technical experience with ArcSight ESM from installation, configuration to roll-out and go live. Every question we had was answered. More than that, the knowledge-transfer means we’re in a better position to manage things for ourselves.”

Amir Jamili says NCCPL is now more secure, and more transparent in its operations. Indeed, ArcSight has enabled NCCPL to achieve ISO 27001 accreditation, a global standard for an information security management (ISMS) system.

“We’re now able to monitor data at a more comprehensive level, a level that was just not possible prior to ArcSight,” he says. “We will continue to explore opportunities to tighten our security further.”

ArcSight ESM
Being a key settlement service provider of Pakistan’s Capital Market, the NCCPL is committed to evade all critical risks to business growth & customer’s satisfaction. When it comes to information security, NCCPL tracks must win battle strategy.

NCCPL’s IS Team implemented ArcSight ESM effectively in no time. They are now well equipped with robust Collaborative Security Technology with customized configuration for their environment.

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