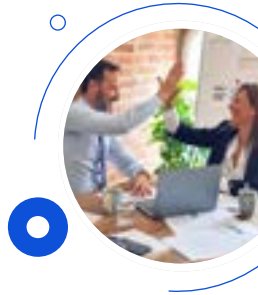# How Infraon enabled world-class network automation for one of the top 5 public sector banks in India

Challenges

- Complex network environment with over 15,000 devices – leading to huge resource requirements
- Difficulty in managing multi-vendor devices
- Management of key processes - device provisioning, security compliance, SLA maintenance, device lifecycle, etc.
- Policy management of all the devices as per security needs
- Tracking changes in compliance with RBI

Why Infraon?

- RBI & other security compliance-based reporting
- Secure CLI for managing all the systems
- Complete automation to assess network vulnerability in real-time and rectify them
- Process automation to manage network device changes
- Single-touch, large-scale deployment capability
- Intelligent system to help pinpoint issues and track changes.

Results

- Restricting any unauthorized access and thereby increasing security.
- Complete visibility of vulnerability and policy violations
- Reduced time for ACL and NAC configuration from days to minutes
- Quick adherence to RBI compliance
- Significant reduction in resources to manage large networks
- Reduced chances of changes and configuration errors with an approval and test-based system

About the client

The client is one of the largest public sector banks in India, with 10,000 branches and more than 10,000 ATMs across 4,500 centers. Known for its customer-centricity, they were founded in 1906 - and have since become one of the country's most financial institutions.

The need

The client needed to monitor and manage a large number of network elements, including multi-vendor devices, without any disruptions. They also had to manage end-to-end device lifecycles along with device configuration and provisioning, service level provisioning, etc.

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Solution

The client leveraged Infraon NCCM to automate several critical configuration and compliance workflows of network devices with complete scalability on an on-demand. The client was able to easily detect and rectify vulnerability issues while securely tracking and managing granular changes to network devices with Infraon NCCM's inbuilt intelligent engine. The solution also went a long way to ensure easy compliance with RBI regulations.

Benefits

The solution offered full visibility of the changes, vulnerability and policy violations – leading to lesser risk occurrences. Another huge advantage it provided was that The client could now reduce the ACL and NAC configuration across all the branches from days to minutes! Furthermore, the automated DC and DRs drill processes helped streamline their network operations and eliminate any unauthorized access.