



CASE STUDY

State Government Partnered Scheduled Bank

K7 protects the co-operative bank's thin client and conventional endpoints across urban and rural branches

The State Government Partnered Scheduled Bank aims to stay ahead of the curve in providing secure, digitally-enabled banking. K7 helps them achieve this goal with cybersecurity that seamlessly integrates with their unique IT environment.

Client Snapshot	
» 3,000+ Endpoints » 413 Branches » 800+ DCCB Branches » 818 PACS » Dedicated CSOC	The State Government Partnered Scheduled Bank's advanced IT infrastructure includes state-wide deployment of thin-clients and the establishment of a Cybersecurity Operations Centre (CSOC) maintained by the bank, but the widespread nature of co-operative banking leaves them vulnerable to cyberattacks. Endpoint security ensures that threat actors are kept at bay even in their most remote branches.

Cybersecurity For An IT Ecosystem That Includes Thin Clients

The Bank's Challenges

- Securing thin-clients endpoints
- Securing connectivity constrained remote branches
- Integrating endpoint threat reports with SIEM to avoid monitoring multiple dashboards
- Quick enterprise-wide deployment

The K7 Solution

K7 Endpoint Security (K7 EPS) is engineered to accommodate a wide variety of IT ecosystems, which allowed the K7 team to address all the requirements of the bank without delay or disruption.

Low-impact Protection for Thin Clients

K7 Endpoint Security has repeatedly topped the charts for the efficiency of its protection in [performance tests](#) conducted by AV-Comparatives of Austria. The low resource requirement of K7 EPS ensured that it was the only enterprise cybersecurity solution that could protect the bank's thin clients which had less than 1 GB RAM, with support for both Windows Embedded Standard 7 and Windows 10 IoT Enterprise thin client platforms.

Lean Updates for Connectivity Constrained Remote Branches

The bank's branches connect to the head office using MPLS with failover to VPN. Remote branches sometimes rely on USB dongles for connectivity. All endpoints report directly to the CSOC and therefore the bank required cybersecurity that would provide reliable centralised protection even if a remote branch had to connect to the CSOC with limited bandwidth due to using the VPN via a dongle. K7 Security's lean updates were able to keep the thin clients updated against the latest malware even under such connectivity constrained conditions.

Simplified Monitoring and Threat Analysis with SIEM Integration

The bank's Cybersecurity Operations Centre is tasked with managing multiple SD-WAN and other network security solutions along with endpoint security. K7 EPS supports Security Information and Event Management (SIEM) integration that allows single-pane-of-glass monitoring of inputs from all security solutions by the CSOC, reducing CSOC overhead and enabling enhanced threat analysis through consolidation of alerts from different security layers.

Rapid Enterprise-wide Rollout

The critical nature of banking services requires cybersecurity rollout that is quick and non-disruptive. The bank's thin clients had been in use for more than 8 years and had accumulated files that reduced the already constrained storage space, which further complicated the rollout.

K7's team implemented a disk optimisation programme to obtain the required 512 MB of free storage space required to install K7 EPS on the thin clients. The K7 team also deployed cybersecurity on the thin clients after bank working hours to avoid disrupting normal operations. Despite these constraints, the K7 team completed the rollout across the bank's main branches, District Central Co-operative Bank (DCCB) branches, and Primary Agricultural Credit Society (PACS) branches in just 3 months. The rollout was accomplished in 3 phases with the first phase focusing on urban branches, the second phase covering district branches, and the third phase covering rural and remote branches.

Why The Client Chose K7

- Award-winning low-impact protection
- Reliable definition update delivery with extremely low connectivity requirements
- Single pane monitoring with SIEM integration
- Designed for rapid rollout

K7 Security's Endpoint Security enables the State Government Partnered Scheduled Bank to pursue a sophisticated IT strategy that includes thin clients and a Cybersecurity Operations Centre in an operational environment that includes connectivity constraints. [Contact Us](#) for more information on our enterprise cybersecurity solutions that can accommodate the needs of businesses that operate across the digital resource availability spectrum.



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