



Many locations, one cyber-security solution: **Chitale Dairy** shows the way

Chitale Dairy was founded by the late Babasaheb Chitale [B. G. Chitale] in 1939 in the small town of Bhilawadi, long before the dairy cooperative movement had taken roots in India. A pioneer in the Indian dairy industry, the company's vision is to provide quality milk produce at competitive rates, and in the process, provide a boost to local farmers. A great believer in technology, this Maharashtra-based company was among the first to introduce mechanization in dairy plants.

CUSTOMER-AT-A-GLANCE



Chitale Dairy

Industry
Dairy

Website
www.chitaledairy.com

Number of Users
250 users

Sophos Solutions
Sophos XG Firewall (virtual)
16 core 24 GB RAM
Intercept X Advanced with EDR
Server Protection
APX
Email Appliance
RED
Sophos Mobile

Challenges

- Increased frequency of cyberattacks
- Non-availability of skilled IT staff
- Lack of visibility across multiple branches

When are point solutions no longer the solution?

Chitale's dairy plant processes about three hundred thousand liters of milk per day. The company's massive scale of operations necessitates the use of more than 20 servers, 250 endpoints and a number of supervisory control and data acquisition (SCADA) networks. With several retail points and branches across the country, security and visibility over the network was a point of top concern.

As the scale of its operations continued to grow, Chitale began facing frequent virus outbreaks, resulting in several hours of downtime. Dr. Vishwas Chitale, chief technology officer (CTO) and partner, says: "Every time we faced an issue, our IT staff would struggle to get things up and running. However, the solution was only a patch-up at best as we were unable to get to the root of the problem."

Situated in a tier-three city, Chitale struggles to find experienced and knowledgeable staff. The company therefore wanted a solution that would be easy to deploy and require minimal intervention.

"We evaluated several vendors to find a robust solution that could multitask – one that would improve the authentication process, provide comprehensive email protection, arrest virus outbreaks, provide indepth visibility, and optimize our internet speed. Many vendors offered us standalone solutions. However, managing the deployment of half a dozen solutions would not only be more painful and more expensive, but it would also require us to considerably scale up our IT team," said Dr. Chitale.

What made Sophos the final word in network protection?

Chitale's first experience with Sophos was with Cyberoam devices. Based on this interaction, the company decided to upgrade and deploy Sophos XG Firewall across the network.

"The evaluation process was very smooth, and we were able to deploy the entire solution in different stages. Our current solution uses Intercept X Advanced with Endpoint Detection and Response to provide comprehensive protection across the enterprise," says Dr. Chitale.

On the network side, XG Firewall identifies and isolates the infected system until it can be cleaned up, while the cloud sandbox environment stops the latest zero-day threats in their tracks. Two-factor authentication, integrated with the SMS gateway, allows credentials to be sent via phone, adding an extra level of security. A combination of the latest technologies like Sender Policy Framework (SPF), Domain Keys Identified Mail (DKIM), Domain-based Message Authentication, Reporting and Conformance (DMAARC) and Time of Click provides end-to-end email protection.

'The company has been able to focus on the business side of IT instead of fighting false positives or chasing after alerts.'



How did Sophos make a difference to the business?

Sophos' cloud management platform, Sophos Central, has brought Synchronized Security to Chitale.

Dr. Chitale notes, "Sophos Synchronized Security enables the endpoint and firewall to share information in real time. This means that the IT manager no longer needs to connect the dots. The system automatically shares information to reveal hidden risks and unknown threats. Incident analysis and response also happens instantaneously. The firewall limits the infected system from accessing other network resources, and the infection is cut off at source. All this is done in a matter of seconds, freeing up our IT staff from several hours of investigation."

As a result, the company has been able to focus on the business side of IT instead of fighting false positives or chasing after alerts. With all endpoints linked to the firewall, the company gets a 360-degree view across the network, empowering them to make informed decisions.

Remote ethernet device (RED) connectivity has allowed the company to extend its secure network beyond the main facility to remote locations. Since the company has various retail points and branch offices, this has been a great value addition to the strong cybersecurity solutions deployed across the enterprise.

Sophos also is also providing Chitale Dairy with easy Wi-Fi management.

"We are using about 50 APX wireless devices that give our users secure Wi-Fi access. Sophos XG OTP has equipped us with an efficient guest management system where we can completely isolate guest traffic," says Dr. Chitale. "We are satisfied with Sophos' performance until now and look forward to rolling out its encryption and Mobile Device Management solutions soon."



To find out how Sophos products can help protect your organization, visit www.sophos.com/products