Israel Electric

SOPHIC ACCESS

THE MOST ADVANCED REMOTE ACCESS SOLUTION FOR YOUR CRITICAL OT NETWORKS

Over 45% of all cyberattacks are remote access attacks. In recent years, the move to IP-enabled ICS systems and the increase in work-from-home during the Covid-19 pandemic have opened up even more opportunities for attackers to breach critical OT systems.
Sophic AccessTM is a field-proven, secure remote access solution that enables remote users - including employees and third-party vendors - to securely access your Industrial Control Systems (ICS) and highly-sensitive OT environment.

What you get

- Full control over access and length of sessions.
- Maximum visibility & auditability of all access activities.
- Reduced support costs and improve your SLA.
- Compliance with regulations.
- Seamless integration and smooth workflows.

How you use it

Remote vendors
Grant remote SCADA vendors secure, isolated and controlled access to the specific applications and interfaces they need to work with.

Troubleshooting
Quickly reproduce, investigate and troubleshoot security/ operational incidents, using advanced forensics capabilities.

Employees
Provide your users with secure, least privileged access to your OT systems and applications, so they can do their work without compromising security.

What makes us different

Advanced MAG (Multi Air Gap) cloud security
Choose between our multi-tenant or private hosted cloud deployment options to guard your critical infrastructure against malicious activities

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Unique user identification
Each support user must go through the "7 gates" of onboarding and clearing, based on:
Failure to comply with any one of the gates causes denial of access.

Pre-configured, dedicate hardened hardware
Each external supplier receives a hardened Secure Access Kit with a unique setup. Prior to each remote session, a deep validation of the hardware is triggered.

Central security monitoring and analytics
Providing full visibility into all support activities, Sophic Access enables security operations professionals to detect anomalies, identify security incidents and drill down to respond to those incidents.

Data vaulting technology
All activities and recordings are stored within a tamper-proof vault. Logs cannot be deleted.

Secure file transfer model for support access
Remote vendors can securely upload software updates onto your critical infrastructure via Sophic InfoTM, another Sophic suite product which transfers files via a secure, encrypted tunnel and scans them for any vulnerability or risks.

About Sophic
The Sophic suite of cyber security solutions has been created and proven by the Israel Electric Corporation - one of Israel's leading critical infrastructure organizations solely responsible for supplying electricity to the whole country. Operating in a very challenging geopolitical environment, we are also one of the most targeted organizations in the world, having experienced our first cyberattack 25 years ago. This dubious distinction has driven our engineers, together with cyber security specialists from elite units in the Israel Defense Forces, to leverage the most cutting-edge technology to ensure we stay one step ahead of the threats we face.

Contact us to learn more how our solutions can benefit your organization:
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