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SENKRON.ENERGY
DIGITAL SERVICES
your energy intelligence

ABOUT SENKRON.ENERGY

Senkron.Energy Digital Services B.V., headquartered in Amsterdam, is actively engaged in driving the global transformation of the energy world.

We are a digital-first company, adept in advanced technology skills, fortified by a profound understanding of the energy industry. Serving as a trusted global partner, our focus is on delivering proven and co-generated new technologies. Our expertise extends to preparing stakeholders for the imminent disruptions in the energy sector, encompassing trendsetting software, IoT, robust cyber security measures, data analytics, and green energy technologies.

We cordially invite you to embark on a transformative journey toward a greener and more sustainable future. Partner with us as we unlock cutting-edge technologies and pioneering solutions aimed at elevating operational efficiency, optimizing energy consumption, and notably curbing carbon emissions.

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ABOUT CYBERPACT

CyberPact is a specialized service in cyber security for ICS/OT/CPS. It aims to increase the efficiency and business continuity of its customers while protecting their digital assets by providing secure network solutions for the critical infrastructure.

CyberPact analyzes and equips OT/ICS infrastructures with cyber security measures, offering suctomized solutions for the specific needs of energy companies.

UNDERSTANDING THE CHALLENGES

The critical infrastructures are vital elements for society. However, the increasing digital and interconnected critical infrastructure has become a target for cyber attacks. Therefore, it is crucial for companies who has responsible from critical infrastructures. Companies are proactively working to limit potential vulnerabilities in OT/ICS networks to maximize asset uptime, ensure worker safety, protect data, and prevent supply chain disruptions.
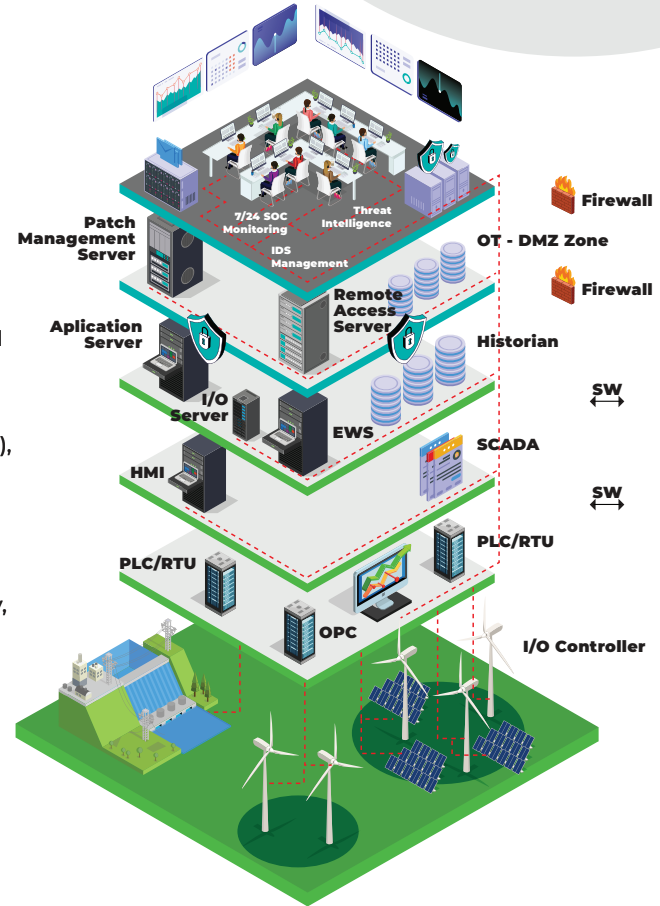
IT
INFORMATION TECHNOLOGY

- Focuses on the management of information and data.

- Deals with automation, network management, software development, and data storage.

- Prioritizes data privacy, integrity, and accessibility, usually following a centralized management structure.

OT
OPERATIONAL TECHNOLOGY

- Focuses on the management and control of physical processes and industrial operations.

- Deals with industrial control systems (ICS), process automation, SCADA, and control devices.

- Operates in specialized environments (production, energy, transportation). Focuses on system reliability, accessibility, and security.

- Typically follows a distributed and hierarchical management structure.

- Also deals with real-time monitoring, control and security of operational processes.

Patch Management Server
7/24 SOC Monitoring
Threat Intelligence
IDS Management
Firewall
OT - DMZ Zone
Aplication Server
Remote Access Server
Firewall
Historian
I/O Server
EWS
SW
SCADA
HMI
SW
PLC/RTU
PLC/RTU
OPC
I/O Controller

ENERGY COMPANIES' NEEDS

- Ensuring production continuity
- Ensuring sustainable and regulatory-compliant production
- Continuous Improvement of General Equipment Efficiency
- Competitive Advantage within the Value Chain
- Enhanced Business Outcomes through a Data-Driven Approach

THE NEEDS OF OPERATION TECHNOLOGIES

Digitizing production requires professional cyber security. Neglecting measures against digital threats can have adverse effects on production goals and potential damages. CyberPact assists of its customers with specialized cyber security solutions to embrace digital transformation securely.

THAT'S WHY WE ARE HERE

As CyberPact, our goal is to help you implement theory into practice. New connectivity networks and changing demands require better security monitoring of essential internal assets and processes. We support you in identifying and utilizing your data to effectively improve your business operations.

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3 KEY ELEMENTS OF CYBERPACT

OT EVALUATION AND DISCOVERY

We will analyze your existing networks, identify gaps in compliance and standards, create your risk profile and establishing baseline for your digital assets on your network.

OT/ICS SPECIFIC CYBER INTELLIGENCE

We collect intelligence to protect assets and resources against threat actors in the cyber world.

24/7 OT MONITORING

With our 24/7 service, we instantly detect any malicious activity in OT environment.

OT EVALUATION AND DISCOVERY

You cannot control the risks you cannot see

First, we enhance your current network infrastructure from a cyber security standpoint, considering personnel, processes, and technology. We conduct a thorough analysis and present a development roadmap tailored to your business, addressing technical, organizational, and compliance requirements. Our assessment incorporates the automated discovery of networked OT assets such as PLCs, RTUs, SCADA systems, workstations, HMIs, and database systems. This process, guided by our energy sector-experienced experts, facilitates a qualitative risk assessment throughout the production process.

Comprehensive cyber security analysis for your network infrastructure and digital assets, identifying compliance gaps and risks.

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OT ENERGY-SPECIFIC CYBER INTELLIGENCE

We strengthen your organization's cyber security with our specialized service, OT Threat Intelligence. Our expert team closely monitors emerging cyber threats targeting operational technology (OT) assets. With our advanced thread monitoring system, we instantly detect malicious behaviours. Moreover, we can detect potential vulnerabilities that are currently found in your OT/OCS infrastructure, allowing us to assess your infrastructure's security level against the emerging cyber threats.

We provide you with important and actionable information through our customized reports and alerts, enabling your organization to take informed decisions and measures. While we monitor your assets 24/7 with our advanced threat monitoring system, we take a proactive approach against possible threats.

We seamlessly integrate to your infrastructure and enable you to effectively respond to potential incidents.

24/7 OT MONITORING

Our remote OT monitoring service is designed to provide robust cyber security solutions for your operational technology (OT) assets. As an OT/ICS Security Operations Center (SOC), we make use of state-of-the-art technologies while providing 24/7 continuous monitoring services. By offering real-time actionable insights to your operations management team, our service allows you to proactively prevent, detect, mitigate, and recover from potential cyber incidents.

While we monitor your assets 24/7 with our experienced experts, we take a proactive approach against possible threats.

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Our services provide 4 key business advantages to our customers:

Maximizing production and maintaining process continuity

Increased cyber-resiliency for your organization in response to incidents

Reducing cyber security risks - protecting assets from cyber attacks

Stay well-informed about cyber security threats from all around the world

WHY CYBERPACT FOR OT/ICS SECURITY

- The one and only OT/ICS dedicated Security Operation Center in Türkiye

- Many years of experience in the energy sector

- A partnership-focused approach with customers and the broader ecosystem

- Compliance with NIST 800-53 and other industry-specific standards

- Experience in transportation, manufacturing, energy, utilities and oil/gas sectors

- Proven references in ISO 27001 and ISO 22301 standards

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CONTACT

You can scan the QR code to visit our website.

🌐 senkron.energy

✉ info@senkron.energy

in senkron-energy-digital-services/

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