



- | Production of network devices and OT/IT cybersecurity software
- | Security Operations Center
- | Design and implementation of cybersecurity systems

Digital data | Network communication | Business continuity
Audits | Implementations

NETWORK DEVICES AND CYBERSECURITY

FOR INDUSTRY

DYNACON IS A POLISH MANUFACTURER, ENGINEERING AND DEVELOPMENT COMPANY

SPECIALIZING IN OT AND IT SECURITY

For nearly 20 years, we have been implementing innovative projects, ensuring the stability and security of cyberspace for the industrial Operators of Essential Services and the Critical Infrastructure. We specialize in supporting strategic customers from the energy, chemical and fuel sectors, we also operate in the food, pharmaceutical, automotive and water management sectors.

Our active network devices certified with CE, FCC Class A, C1D2, IEC 61850-3 compliance, UL (IEC-62368), IEEE 1613, E13, EN50155, EN45545-2, EN50121-3-2, EN50121-4, EN50125-3, IP-40 Compliant, MIL-STD-810G anti-vibration & shock, UL/CB 62368-1, RoHS, EN 50124-1, IEEE 1613, EN 45545, FIPS 140-2, CCL3; security platforms, IDS systems, IPS, SIEM, SCADA, ADM and others, **work successfully and without failures** in power plants, factories, sewage treatment plants, hospitals and local government units.

We are a technology partner of global manufacturers of industrial automation, communication and security solutions. DYNACON products and services are perfect for SOC and NOC applications.



We are a manufacturer of network communication solutions, monitoring systems, cybersecurity, information visualization and a number of tools and systems that actively support the maintenance and optimization of business continuity.

KEY TASKS OF OUR TEAM

From the beginning of our activity, we have focused on **a comprehensive approach to cybersecurity issues in the areas of OT and IT**, i.e.:

- 1 designs of cybersecurity systems and industrial communication networks, executive designs
- 2 creating OT and IT cybersecurity architecture
- 3 supervision of investments in the field of industrial communication, business continuity and cybersecurity
- 4 production and implementation of the ARIC NDS cybersecurity platform (IDS, IPS, SIEM, SCADA Security)
- 5 device production [switches, routers, data probes, data diodes, TAPs, collectors, FOG analytics platforms, others]
- 6 software delivery and implementation from partner companies (FUDO, Claroty, Alien Vault, CISCO CyberVision and other IDS, IPS, SIEM, SOAR, session monitoring and recording systems]
- 7 audits, safety assessments, vulnerability tests of industrial environments in motion, risk analyses, impact analyses
- 8 competence trainings, industrial combat trainings
- 9 SECURITY OPERATIONS CENTER 24/7/365



OUR PRIORITIES

We develop Polish technological thought, we are a Polish company with Polish capital.

In 2019, **we were the first company in Poland to implement the largest cybersecurity system in Europe for Critical Infrastructure, in the energy industry.**

We focus on solutions, not on products, i.e. maintaining business continuity and creating a stable environment for exchanging and processing digital data at any layer of the IACS model, ensuring optimal digital separation.

We develop international partnerships and co-create global best practices in industrial cybersecurity: since 2005, we have strengthened cooperation with SIEMENS, OMRON, Schneider Electric, ABB, GE, Emerson, Prokom System, JASE, CISCO, HP, Hirschmann, AT&T and other partners.

People and data are at the heart of our approach. We work with data while maintaining its integrity, transmission stability and confidentiality, i.e. data properly generated, sent, downloaded, interpreted, processed and delivered to endpoint systems.

We provide professional trainings. **We are convinced that a well-educated and trained person is the strongest element** of any communication and cybersecurity management system.

We increase the level of cyber resilience of the National Critical Infrastructure and Operators of Essential Services in the industry, ensuring their business continuity and meeting the requirements of laws, EU directives, standards and good practices.

We share our knowledge at numerous industry events, **participate in government projects and legislative work** as one of the first Polish private sector suppliers, we cooperate with the government under the PWCyber program.



Andrzej Cieślak
CEO of Dynacon Sp. z o.o.

COMPETENCES OF OUR TEAM

GUARANTEE EFFECTIVENESS AND SAFETY OF ALL OUR IMPLEMENTATIONS

- University of Abertay Dundee MSc Ethical Hacking and Computer Security
- Lead auditor ISO 27001
- CCIE, CCNP, CCNA Industrial, Design Professional, CyberOps, SD Wan, CISCO Instructor Excellence Award
- Microsoft Certified IT Professional and Technology Expert, MCSE, MCSE sec
- Hirschmann Industrial Security Professional
- Siemens Certified Professional for Industrial Networks
- HP Master Accredited Solutions Expert Network Infrastructure and Mobility Security
- Certified SonicWall Security Administrator
- VMWare Certified Professional Network and DataCenter Virtualization
- Certificates confirming knowledge of systems IDS, SIEM (ARIC NDS, Alien Vault) and more



Our data diode ARIC NDS Optical Industry Data Diode, version 2.0.0 was the first in Poland to obtain certification in accordance with the international Common Methodology criteria for IT security



We are certified
ISO 9001
ISO 27001
ISO 22301
in terms of:

design, production and implementation of cybersecurity, network communication, IT and industrial automation systems for key industry sectors

cybersecurity services provided for industry

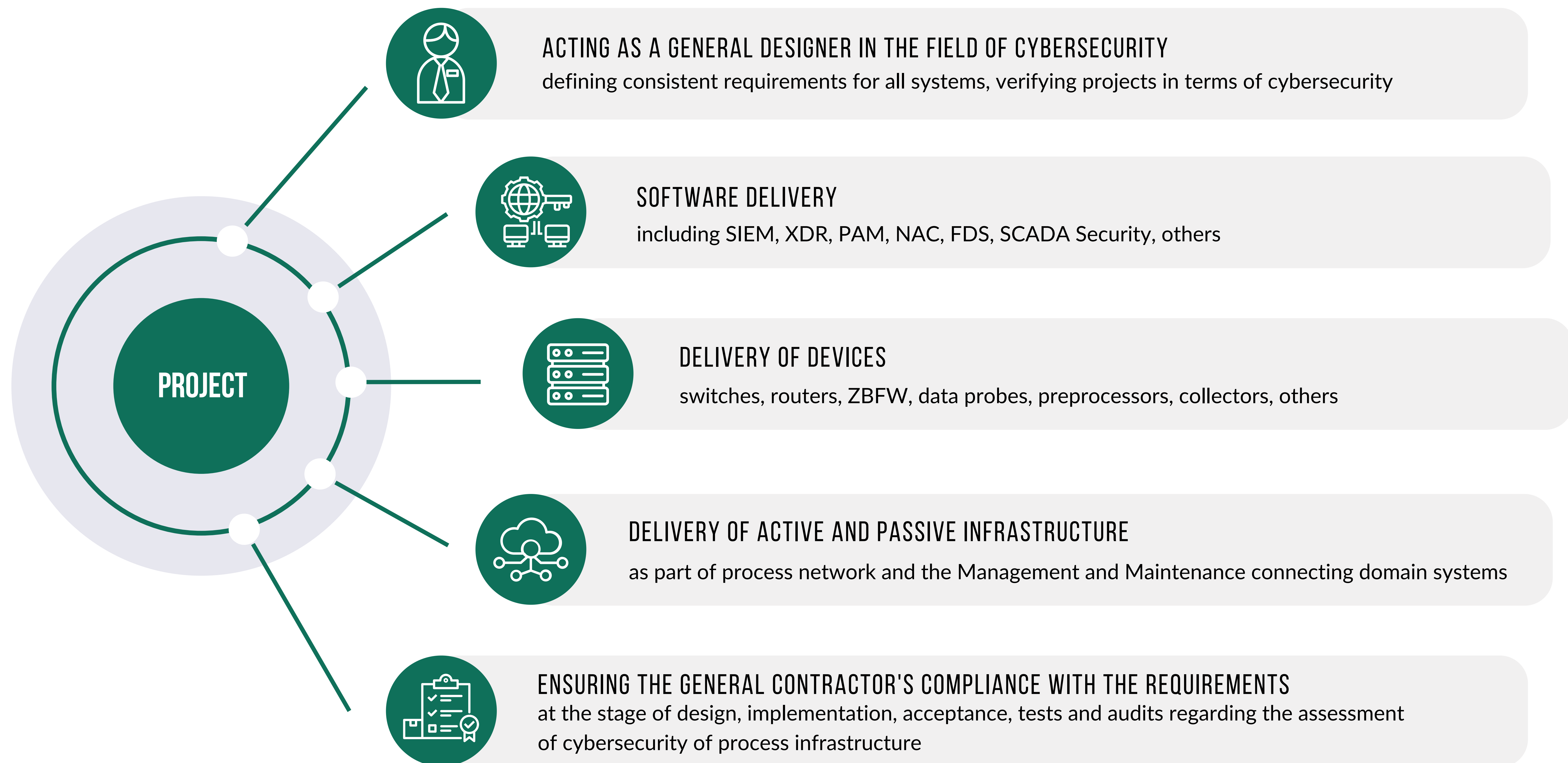
implementation of training and audits of industrial environments.

CYBERSECURITY IS NOT A PRODUCT IT IS A PROCESS AND A SYSTEM

CASE STUDY

PROJECT FOR A GENERAL CONTRACTOR IN THE ENERGY INDUSTRY

turnkey construction of a gas-steam combined heat and power plant [with a turbine] for one of the leading energy groups in Poland



EXAMPLE IMPLEMENTATIONS

cybersecurity of services in a broader context

High-energy power plants [over 2000 MW]

implementation of a security monitoring system in OT together with the delivery of DYNACON equipment

Leading water companies

performing security audits for OT/IT and developing a conceptual design in accordance with legal regulations for Operators of Essential Services

97 power plants and heating plants

implementation of DYNACON communication devices and cybersecurity systems, including as part of newly built gas cogeneration system

Hospitals

SOC services [Security Operations Center]

Central public administration offices

providing qualified human resources from the IT industry for the construction, development and maintenance of IT infrastructure systems and business continuity

Subway

implementation of the [ARIC NDS] monitoring system and delivery of DYNACON devices



OUR SOFTWARE

ARIC Network Defense System SIEM for OT and IT

event and incident management, event correlation, vulnerability scanner, ticket task system

XDR

monitoring of endpoint stations, analysis of events and threats

CMDB - Configuration Management Database

SCADA Cybersecurity

visualization of OT and I&C systems

systems: IDS, IPS, ADM, NAC and more

OUR DEVICES

- The devices can be used as L2 and L3 switch, router, TAP, ZB Firewall, NAT, collector, FOG analytics platform
- RJ45, SFP, SFP+, RS ports
- DIN, 1U, 2U mounting, depending on the selected device

LET'S COOPERATE

COMPANIES:

Operators of Essential Services
Critical Infrastructure
factories
general contractors in technological processes
supply chain resulting from the NIS2 directive

DISTRIBUTORS:

companies implementing OT and IT network
communication and cybersecurity solutions

