Digital Transformation in the Oil Industry

The Holistic Approach of OSC 2025

OSC TOP SOLUTIONS GROUP

TS — Telecom services

SS — Smart Solutions

WF — Work Force

BPO — Business Process Outsourcing

We are a technological integrator with presence in **16 countries.**

We have a team of more than 1000 collaborators to develop technological solutions,
as a regional ally of operators, sellers **and service providers supporting them in consolidating strategies and optimizing processes, generating value and competitiveness**

We have more than 10 years of experience in the market.

28 years

MEXICO

deer

CENTRAL AMERICA

COLOMBIA

ECUADOR

PERU
CHILE

BRAZIL
BOLIVIA
PARAGUAY
URUGUAY
ARGENTINA

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Talent and Process Management,
Complying with Mexican Regulations

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Engineers and technicians specialized in IT and industrial technology, available under flexible models (by project, season or with results based on KPIs).

We comply with Mexican legislation, aligning ourselves with National Content requirements and ensuring transparency in our operations.

This talent is the motor that integrates, manages and optimizes the rest of our technology solutions.

Workforce & BPO

Development of software

Support of Infrastructure

Management and of
Projects

Testing - QA

Transformation Digital

Other Technologies

Development of software

- Software Factory
- Digital Laboratories
- Developmental Cells
- Application support

WORKFORCE IT SERVICES

- Desarrollador Fullstack / Backend / Front End
- Mobile iOS / Android Developer
- Technical Leader
- Application Architect
- UX-UI Designer
- Business Analyst

Support of Infrastructure

- SO Administration
- DB Administration
- Administration Security and Networks
- NIGHT/SOC
- Technical support
- Cybersecurity

WORKFORCE INFRA SERVICES

- Admin So (Windows, Linux, Solaris, Unix, etc.
- Technical Leader
- Infrastructure Architect
- DBA
- Admin Infra Cloud (AWS, GCP, AZURE)
- Admin Security and Networks
- NOC/SOC Analyst
- Cybersecurity Analyst
- Security Officer

Management and Methodology of Projects

- Financial Evaluation of Projects
- Project Management
- •PMO
  Scrum Master
- Controlling
- DevOPS / DevSecOps

WORKFORCE PMO SERVICES

- Project Manager
- Project Manager
- Scrum Master
- Controller
- DevOps Leader
- DevSecOps Leader
- Requirements Analyst

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Others Technologies

- SAP
- SALESFORCE
- ORACLE
- MICROSOFT

WORKFORCE IT SERVICES

- SAP Functional Consultant
- SAP Hana Consultant
- ABAP Consultant
- BASIS-Netweaver Consultant
- SALES FORCE Consultant
- DBA SQL
- EBS Consultant
- SIEBEL Consultant
- Consultor Hyperion

Testing - QA

- Testing Manual
- Automated Testing
- Quality Assurance
- Technical Leadership
- Cloud Testing

WORKFORCE INFRA SERVICES

- Tester Manual
- Automated Tester
- Analyst QA
- Technical Test Leader
- Functional Tester

Digital Transformation

- RPA
- BIG DATA / ANALYTICS / BI
- AGILE
- CLOUD CONSULTING
- DATA SCIENTIST
- IoT
- MACHINE LEARNING
- IA
- AUGMENTED REALITY
- ROBOTICS

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Smart maintenance

Information flows to your talent teams, who translate these insights into immediate actions to maximize asset availability even in Brownfield projects.

Main benefits:

They collect data (flow, temperature, noise, air/water quality) in real time, which is essential to the MRO strategy.

Digital Twins that process and model this data to predict failures, optimize resource use, and plan preventive maintenance, reducing Turnaround Expenses (TAR).

Atmospheric Water Generators that guarantee water supply in remote areas, reinforcing the continuity of your production and the well-being of operators in Brownfield or Greenfield projects.

Industrial Cybersecurity
Total Shielding for Critical Environments

OSC includes cybersecurity management and training, aligning it with maintenance and connectivity services for protection holistic.

Main benefits:

Cyberattack management with AI. Detect and neutralize threats in real time, focusing on the protection of information and industrial processes.

OT Security Protection for SCADA systems, PLCs and other essential infrastructure, with specialized protocols for critical environments.
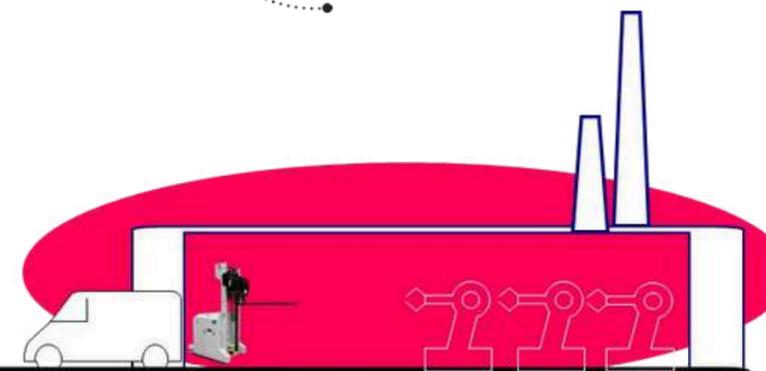
Operational Reliability Our team operates, manages, and monitors cybersecurity, aligning it with maintenance and connectivity services for holistic protection.

Physical Security and Access Control with AI

Avoid disruptions, protect your staff, and safeguard infrastructure with automatic reports and alerts that sync with your security protocols. security.

Advanced Video Analytics with AI Real-time video analysis to detect anomalous behavior, intrusions, or dangerous conditions.

Intelligent Access Control Integration of biometric sensors and facial recognition for critical areas within refineries, platforms and pipelines.

Industrial Cybersecurity
Total Shielding for Critical Environments

TS Telecom services

SS Smart Solutions

WF Work Force

OSC includes cybersecurity management and training, aligning it with maintenance and connectivity services for protection integrated, subject to technical and contractual audit.

Cyberattack management with AI. Detect and neutralize threats in real time, focusing on the protection of information and industrial processes.
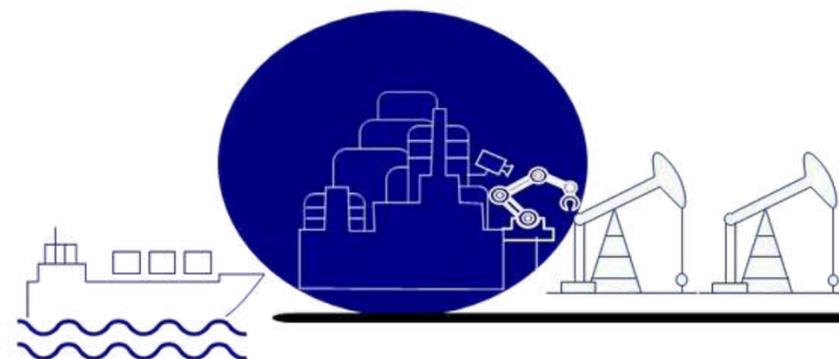
Operational Reliability Our team operates, manages, and monitors cybersecurity, aligning it with maintenance and connectivity services for holistic protection.

OT Security Protection for SCADA systems, PLCs and other essential infrastructure, with specialized protocols for critical environments.

Awareness. Engage employees in cybersecurity by creating education with ongoing assessments and monitoring.

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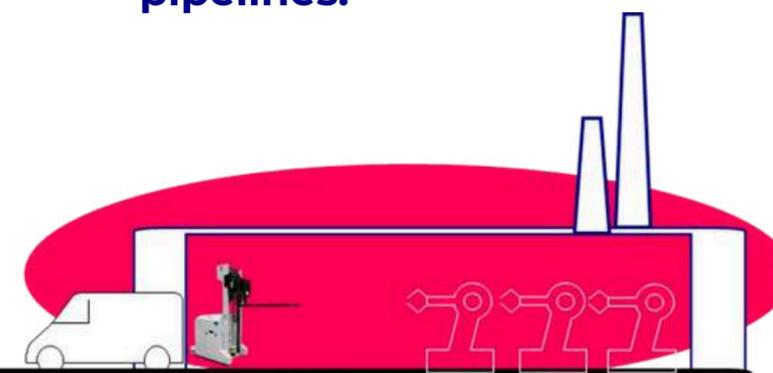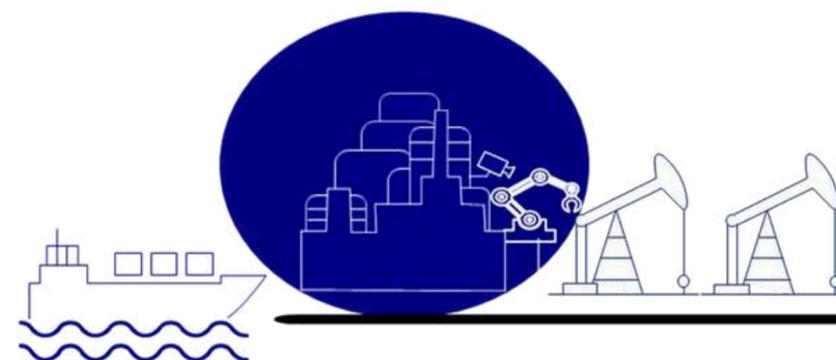# Physical Security and Access Control with AI

Avoid disruptions, protect your staff, and safeguard infrastructure with automatic reports and alerts that sync with your security protocols. security.

Advanced AI-powered video analytics
Real-time video analysis to detect anomalous behavior, intrusions, or dangerous conditions in any business unit.

Advanced Access Control
Integration of biometric sensors and facial recognition for critical areas within refineries, platforms and pipelines.

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Private LTE/5G Networks (pLTE)
The Pillar of your Connectivity

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Powered by Nokia, we deliver robust and secure pLTE/5G networks, even in remote locations, including mobile solutions for Greenfied projects.

Ideal for high-definition video streaming, real-time monitoring, and critical data analysis.

Designed to grow with your needs, while maintaining independence and complete control of your industrial network.

Stable connectivity that unifies sensors, digital twins, and security solutions into a single environment, driving operational efficiency.

Industrial-Grade Private Wireless
Ready for Industry 4.0

OSC offers networks designed to solve large-scale industrial challenges, providing reliable and secure connectivity to maximize efficiency and control

Robotics for Infrastructure Inspection Uses robots and sensors to detect structural damage, reducing human risks, maintenance costs, and operational downtime.

Leak Detection and Pipeline Monitoring Install sensors in pipelines to identify leaks in real time, reducing costs, environmental impacts, and complying with safety regulations.

Operational reliability 24/7 support to optimize productivity and improve staff safety.

Advanced Security Private network with intrinsic protection and full regulatory compliance.

Operations with Augmented Reality and Remote Support Provides immediate assistance through AR, solving complex tasks without deploying experts, optimizing costs and operational efficiency.

Critical Communications Platform (PTT, PTV and Analog Radio) Combines real-time voice and video with pLTE and analog radios, ensuring secure and reliable connectivity in extreme environments.

Staff Management and Safety in Remote Areas Monitor staff location and health with wearables, enabling immediate alerts and efficient communication, even in environments without public coverage.

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Thank you

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