

CAPABILITY 10 / 27

Automation, Telecommunications, SCADA & Industrial Networks

Smarter operations through automation, SCADA and telecom.



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OVERVIEW

Automation and telecommunications connect equipment, people and control rooms, even across remote sites. COTI supplies automation, SCADA, network, security and monitoring hardware, and coordinates industrial cybersecurity with specialised partners.

CONTENTS

- 10.1** Industrial automation, remote monitoring, SCADA and telemetry hardware.
- 10.2** Industrial networks, fiber-optic equipment, radios and communication systems.
- 10.3** CCTV, access-control, industrial data-acquisition and monitoring components.
- 10.4** Condition monitoring, asset monitoring and predictive-maintenance technologies.
- 10.5** Industrial cybersecurity solutions coordinated through specialized qualified partners.

10.1 Industrial automation, remote monitoring, SCADA and telemetry hardware.

SUPPLY SCOPE

Industrial automation, remote monitoring, SCADA and telemetry hardware.

DEFINITION

Industrial automation uses controllers and software to run equipment without manual action. Remote monitoring and telemetry send data from wells, pipelines or substations to a central SCADA system for supervision and control.



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10.2 Industrial networks, fiber-optic equipment, radios and communication systems.

SUPPLY SCOPE

Industrial networks, fiber-optic equipment, radios and communication systems.

DEFINITION

Industrial networks (Ethernet, fieldbus), fibre-optic links, radios and other communication systems carry data and voice reliably between field equipment and control rooms, often in harsh environments.

10.3 CCTV, access-control, industrial data-acquisition and monitoring components.

SUPPLY SCOPE

CCTV, access-control, industrial data-acquisition and monitoring components.

DEFINITION

CCTV cameras and access-control systems protect sites and people; data-acquisition and monitoring components collect measurements for operation and reporting.

10.4 Condition monitoring, asset monitoring and predictive-maintenance...

SUPPLY SCOPE

Condition monitoring, asset monitoring and predictive-maintenance technologies.

DEFINITION

Condition and asset monitoring track the health of equipment over time. Predictive maintenance uses this data to repair machines before they fail, reducing downtime and cost.

10.5 Industrial cybersecurity solutions coordinated through specialized...

SUPPLY SCOPE

Industrial cybersecurity solutions coordinated through specialized qualified partners.

DEFINITION

Industrial cybersecurity protects control systems against intrusion and disruption (firewalls, segmentation, secure remote access). COTI coordinates these solutions through specialised, qualified partners.

Specialized services are provided and/or coordinated with qualified technical partners according to project requirements.

Contact COTI

Send us your RFQ, part numbers, nameplate photos or technical specifications. We will review your requirement and reply with a structured proposal.

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