



Complete Intercom & PABX Platform for Maritime & Energy
Unprecedented levels of manageability, scalability, and interoperability

BECAUSE COMMUNICATION IS CRITICAL

ICX-ALPHACOM SYSTEM

SCALABLE INTERCOM & PABX PLATFORM

EVERYTHING YOU NEED TO COVER ALL YOUR COMMUNICATION NEEDS

Zenitel offers a complete communication platform with crystal-clear audio, unified management, and outstanding interoperability. Our ICX-AlphaCom system provides the deployment of critical communications onboard vessels and across offshore sites. The ICX-500 solution ensures carrier-class system availability and security. The system integrates seamlessly with various applications, including cloud-based ones. With ICX-AlphaCom, you can establish a reliable and robust onboard solution where people, devices, and systems are seamlessly connected. We provide either a ready-to-use solution that works out of the box or design an extended system tailored to the specific needs and requirements of our clients.

UL Certified Intercom

Compliance with the highest safety standards is confirmed.

FEATURES

- Can be installed in and operated under the most challenging maritime conditions
- Support for up to 552 IC devices per node
- Reliable, solid design with no moving parts
- Outstanding quad-core processing capacity
- Native API & cloud connectivity
- Supports industry standards
- Multiple integration options

THE CORE OF OUR PLATFORM: ICX-500 INTELLIGENT COMMUNICATION GATEWAY

Explore unparalleled levels of scalability, manageability, and interoperability with Zenitel's state-of-the-art ICX-500 Intelligent Communication Gateway.

- Provides carrier-class system availability for critical communications
- Reliable and robust, specially designed for use in the harshest environments
- Designed with the future in mind, offering multiple options for adding new functions and system extensions
- Built-in security, including hardware RoT, software integrity check (SHA256), restricted management access, a separate management interface, and an integrated firewall.

The solution can be easily adapted to meet specific customer requirements of any complexity.

NEW ICX-ALPHACOM GATEWAYS

The new gateways provide three different types of extensions for connecting intercom stations to the ICX-AlphaCom system: Voice over IP, two-wire FXS analog, and IP over two-wire.

FXS

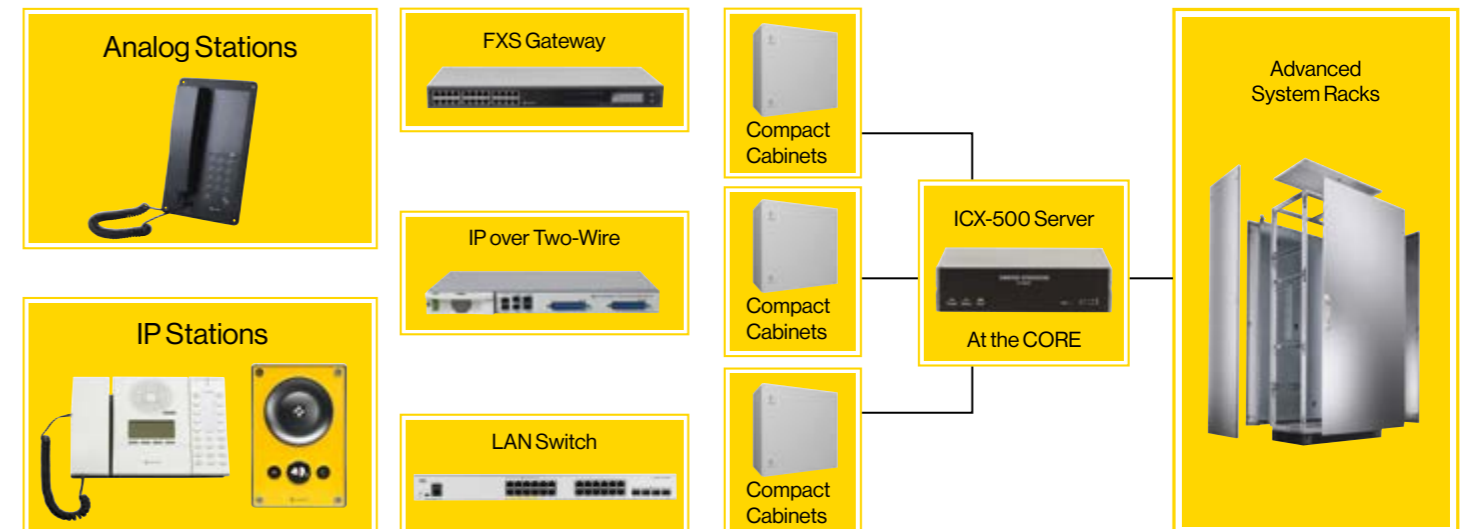
- Cost-effective
- Easy to setup
- Robust
- Perfect for long cable distances

IP Over Two-Wire

- Re-use exiting cabling
- Cost Effective
- Provides superior audio quality
- Offers extended functionality

Voice over IP (VoIP)

- Flexible
- Future-proof
- Provides superior audio quality
- Offers extended functionality



ICX-ALPHACOM COMPACT CABINETS

Compact cabinet-FXS	Compact cabinet-IP2W (IP over Two-Wire)	Compact cabinet-LAN
<ul style="list-style-type: none"> • A complete system solution for up to 48 analog FXS extensions • Mains/emergency power supply • Includes all cabling • 8-port non-PoE switch included • Options: <ul style="list-style-type: none"> ◦ MP-114 ◦ IP-LCM ◦ TKIS-2 ◦ FCDC3 	<ul style="list-style-type: none"> • A complete system solution for up to 48 IP over two-wire extensions • Mains/emergency power supply (inverter solution for 24VDC backup power) • Includes all cabling • 8-port non-PoE switch included • Options: <ul style="list-style-type: none"> ◦ MP-114 ◦ IP-LCM ◦ TKIS-2 	<ul style="list-style-type: none"> • A complete solution for ICX-AlphaCom with a 24 port C1000 switch • Space for up to two FCDC3s or one fibre switch • Patch Panel without keystone connectors is included • Cat.6A connector kit with 24 keystones compatible with patch panel • Inverter for AC/DC • Option for MP-114

ICX SYSTEM OVERVIEW



Gateways

ORDER NUMBER	DESCRIPTION	ORDER NUMBER	DESCRIPTION
2220015006	NV-PL-024-F 24 port IP over two-wire switch	2200003006	MP-114-V2 SIP gateway 4 port FXO
2220015007	NV-PL-048-F 48 port IP over two-wire switch	2200001003	FXS-GW-24P FXS Gateway, 24 ports

Licenses

ORDER NUMBER	DESCRIPTION	ORDER NUMBER	DESCRIPTION
1002600000	ICX-AlphaCom Core	1002611001	IICX-FXS-LIC License for FXS-GW-24 Gateway, ICX-AlphaCom
1002600xxx	ICX-AlphaCom Device and Feature Licenses	100260220	ILI-REC(2-32), Active Recording Interface License

Servers

ORDER NUMBER	DESCRIPTION
1002000100	ICX-500 Intelligent Communication Gateway with HD Voice

System racks

ORDER NUMBER	DESCRIPTION	ORDER NUMBER	DESCRIPTION
1150100017	ICX-CAB-IP2W system rack for up to 48 IP over two-wire extensions	1150100015	ICX-FXS-AC/AC system rack for up to 48 FXS extensions
1150100018	ICX-CAB-LAN system rack for up to 48 VoIP extensions	1150100016	ICX-FXS-AC/DC system rack for up to 48 FXS extensions
1150100019	CAB-LAN-AC/AC LAN compact cabinet for distributed systems		

IP Stations

ORDER NUMBER	DESCRIPTION
1008431000	CRM-V-2 - IP Flush Master Station
1008401100	IPDMHB-V2 - IP Desk Master with Handset V2
1008122010	TFIE-1 Turbine Full-Size Industrial IP Extended-1
1008122020	TFIE-2 Turbine Full-Size Industrial IP Extended-2 - 6 x DAK
1008122060	TFIE-6 Turbine Full-Size Industrial IP Extended-6 w/display
1008123110	TFIX-1-V2 - Ex IP Intercom Station- full keypad
1008123120	TFIX-2-V2 Turbine Full-Size Ex Intercom Station-2 - 6 call buttons
1008123130	TFIX-3-V2 Turbine Full-Size Ex Intercom Station-3 - 1 call button
1008111010	TCIS-1 Turbine Compact IP Standard-1
1008116010	TMIS-1 Turbine Mini IP Standard-1, IP42
1008315060	TCIV-6+ - IP and SIP Video Intercom
1008041200	IPVRS-1 Vandal Resistant Substation
1490005010	ITSV-5 HD IP Video Phone with 8" Screen

Analog Stations











ORDER NUMBER	DESCRIPTION
1022100100	VAF-2 - FXS Station for console mount
1022100200	HSB-4 - Analog FXS telephone, weatherproof
2213001004	AT-55 Analog Desk Phone w display
2212000101	DT-800M - Desktop Analog Telephone

Accessories

ORDER NUMBER	DESCRIPTION	ORDER NUMBER	DESCRIPTION
1008140230	TA-23 - Industrial Handset for Turbine with PTT	3005000022	HAS-3 HANDSET FOR HSB-03 W/C16 PLUG - IP-44
1008140225	TA-22b 10m cable and plugbox w/PTT for Industrial headset for TFIE	3005000023	HAS-3WT - Handset for HSB-03/04 W/ C16 plug. Weather proof
AK5850HS	High quality industrial Ex-approved headset for use in rugged conditions	1020600776	P-MT7-A - Headset with boom mic, headband, and 10m cable



Scan or click [HERE](#) for a full overview of our ICX-AlphaCom System

 System "Remote Control" via VPN	 Training	 24/7 Service	 Service agreements	 Type-approved systems
 Innovative technology	 Monitoring of system solution with follow-up on sailing ships	 Spare parts policy	 Extended warranty terms	 Crew training program

WHY ZENITEL?

You need systems that work. Every time. We provide reliable and resilient integrated communication solutions. We understand that the safety and efficiency of your most valuable resource, your employees, is key to your success.

We're specialists in the maritime and energy segments. We know the ocean industry, and we speak your language. Our innovative solutions for critical and intelligent communication deliver reliable performance in all conditions. We also understand your need to safeguard your assets, whether they are an ocean-going vessel or an energy plant. That's why we offer integrated communication solutions that enable seamless information sharing, so you can make better decisions more quickly.

Our systems and solutions provide high availability, scalability, reliability, maintainability, and cyber-defensibility. Our flexible and innovative solutions for intelligent communication, data, safety, and entertainment systems deliver reliable performance in all conditions.