

The EXOR logo is displayed in white on a dark blue background. It consists of the word "EXOR" in a bold, sans-serif font, with a stylized "X" and "O".

EXOR



Automation
Distribution

Elevate Competitiveness and Growth Opportunities

with EXOR's Trusted Connectivity Enhancing
Industrial Automation Platform for HMI, Control,
and an Open Industrial Cloud.



Global competition and rapidly evolving technological advancements are putting significant pressures on Machine Builders & OEMs. Revenue growth and profit margins are dwindling while operating costs, raw material costs and labor costs continue to increase.

Bridging the workforce skills gap is a major challenge while the cost and difficulty of holding good talent becomes more difficult and expensive. Production efficiency, operational efficiency, and customer satisfaction have never been more critical. While new customers seem harder to win, supply chain disruption is forcing manufactures to re-shore their raw materials and production resulting in increased demand and capacity issues.

Manufacturers are looking to improve production and operational efficiencies, improve quality and reduce waste. Reduction of lead times and cost of goods sold is critical to remain competitive in a marketplace driven by fast delivery and lowest cost.

These strains represent significant opportunities for Machine Builders, System Integrators, and OEMs. With the right technology partners, hardware and software, companies can once again grow revenue, restore profit margins, and win more business.

The X Platform, by EXOR International is an industrial automation platform 50+ years in the making and consists of Hardware, Software, and IoT Cloud Digitalization tools designed to provide solutions to meet the most significant challenges faced by machine builders and manufacturers. Solutions that improve production efficiency, operational efficiency, and customer satisfaction. Solutions that can help you disrupt a marketplace leading to higher revenue, higher profits, and increased sales. The following pages present an introduction to EXOR solutions, and we look forward to helping you solve your specific challenge.



Table of Contents

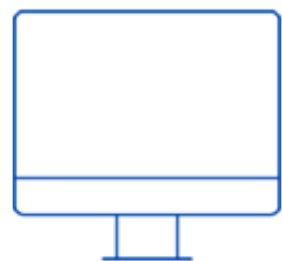
4	X-Platform
6	Corvina
8	JMobile
10	eX700 Family
12	JSmart Family
14	eXware IoT Gateway/Controller
16	eSMART Family
18	Harsh Environments Series
20	Food & Beverage Series
22	X5 Wireless Mobile HMI

X-Platform

Helps you Modernize, Consolidate, and Monetize

The X-Platform from EXOR International is the culmination of 50+ years focused on Visualization, Control, and Data Management. A complete technology stack from controlling the machines on the manufacturing floor to visualizing insights in the industrial cloud. Connecting all your devices, systems, and processes to create a unified ecosystem that is open, scalable, and flexible to meet the toughest challenges.

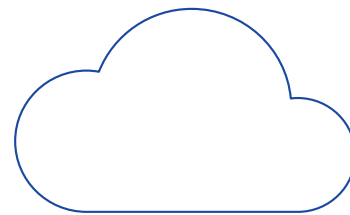
The X-Platform is a family of Hardware, Software, and Cloud Technologies that is designed to modernize the user experience both in operation and feature, to consolidate 3rd party components to eliminate cost and complexity from the enclosure, and finally to monetize using a suite of tools purpose built to allow you to build your digital business model and value-added digital services.



Software



Hardware



Cloud

Unique Features

- À la carte Platform of Hardware, Software, and Cloud Technologies
- Framework for Rapid Deployment of Visualization, Control, Remote Access, and IoT Applications
- Over 200 Industrial Protocols w/ Integrated IEC61131 PLC Controller Inside
- Edge to Cloud Connectivity, Device Management, and Data Visualization

Key Benefits

- Same Software, Same Cloud, and the Same Features on the Right Family of Hardware
- Massive Scalability to move easily between HMI Families or change screen size without any Software or Cloud limitations
- Complete Connectivity Upstream to the Network or Cloud (IT), and Downstream to field devices (OT)

Uses

- Modernization of the User Experience both in operation and in feature
- UI Experiences and problem-solving resources that today's machine buyers expect and demand
- Improving and Monetizing the Service Experience
- Consolidation of 3rd party components to eliminate cost and complexity
Eliminate the PLC, the VPN, the NAT Router, The Gateway, and even the HMI Enclosure entirely
- Creation of your Digital Business Model and Value-Added Services

“Where hardware, software, and cloud converge to enhance user experience, streamline operations, and unlock digital business potential.”

Learn more about the X-Platform.

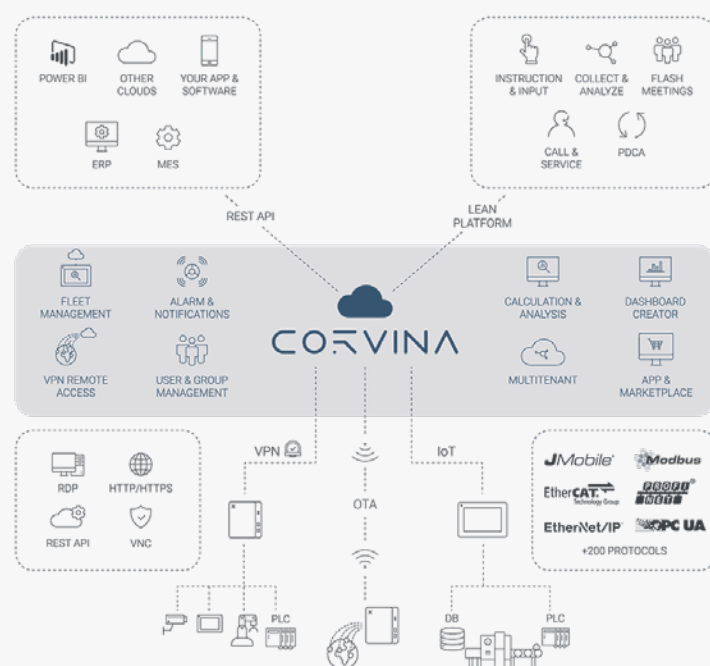




The Cohesive Digitalization Platform for IoT Data Collection, Visualization, and Analysis

Corvina Digitalization Platform is an Industrial IoT Platform for Smart Machine and Smart Manufacturing solutions that provides real-time monitoring, predictive maintenance, and remote-control capabilities in an easy, secure, and flexible way. A Platform of ready to deploy tools that allow for the creation of Value-Added Services and Digital Business Models without significant ongoing resource investment. Corvina Digitalization Platform allows our clients to focus their resources on core competencies and the deployment of value rather than building and maintaining a digitalization platform.

A Unified, Open, and Cohesive Digitalization Platform for IoT Data Collection, Visualization, and Analysis to enable machinery servitization and plant digitalization. CORVINA connects any products, plants, systems, and machines, be they new or legacy and bridges the layers between IT and OT architecture with effective tools to access all the industry 4.0 and IoT benefits.



Unique Features

- A Complete IoT Digitalization Platform for building SAAS business models
- Simple and Secure Device Connection from start to finish in 15 minutes or less
- Rapid deployment of VPN (Remote Maintenance) and IoT applications in a single platform
- Chat Interface for Real-Time Support and Communications direct to Operators
- Enterprise Friendly SAAS Model Deployment built on Data Models and Sub-Organizations
- Simple Data Collection, Reporting, Alarming and Notifications, Dashboard creation, and more
- Rest API for interface to any applications for a combined Data Lake
- Import 3D CAD Files for Real-Time Digital Twin and 3D Dashboards
- Create nested dashboard page navigations just like on an HMI
- Marketplace for deploying and monetizing applications
- Over the Air Device Updates and Management
- Hardware Agnostic 3rd Party Device Compatibility with Docker
- Custom Host Name and UI Customizations for SAAS Owners
- Hosted on any servers, including on premise

Key Benefits

- Faster Time to Market and Positive Cash Flow for a significantly faster ROI
- Build Digital Business Model and Value-Added services rather than building and maintaining a platform back end
- Significantly reduced investment and resources required short term and long term
- End to End Cohesion and Compatibility in one Platform that just works
- Build and Monetize in Demand, High Value Digital Services Quickly
- Bring installed legacy field equipment and 3rd party devices onto Your Platform
- Make it your own Digitalization Platform. Brand Label and White Label options available
- Interface ERP, CRM, Human Resource Management, and Business Intelligence systems, and more in a single interface
- Host on your own servers for an On-premise solution
- Grow as you go, start with the VPN Service for Remote Access and work towards your IoT initiatives on your time. It's the same platform

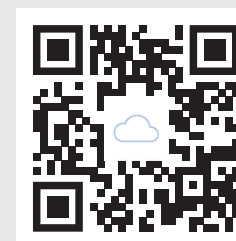


Uses

- Machine Builders that want to add Value Added Services on top of their equipment in an easy way
- Machine Builders looking to increase Product Value while reducing costs
- Machine Builders that want to Monetize their Service Departments and sell Service Contracts
- When Remote Access VPN connectivity is required
- For those that want to slowly grow into their IoT initiatives. Start with the VPN Service and grow into your IoT business. Moving at your pace
- Manufacturers looking to improve efficiencies and reduce costs

“A unified, open and cohesive digitalization platform.”

Learn more about Corvina.



JMobile

The Only Industrial IoT Software you will ever need

JMobile inside means vast communication and connectivity from field OT devices on the edge to IT networks and Cloud Platforms. A unified and cohesive development suite for communications, data analytics, and UI design of your local HMI, Web Applications, and Cloud Dashboards. Modernizing the feature set to be in line with today's sophisticated demands and to solve the toughest End User Problems.

In just one easily learned software suite, JMobile completely covers the connectivity from edge to cloud, device management, process management and data visualization essential for the all edge to cloud levels in any Industrial IoT platform architecture.



JMobile
Inside

Unique Features

- JMobile Runtime for PC turns any PC into a powerful JMobile HMI
- Hundreds of communication protocols inside for most any field OT device
- Network and Cloud (IT) integration with OPC UA, Native SQL, HTTP, and MQTT
- Seamless connectivity to Corvina Digitalization Platform
- Fully Compatible & Responsive HTML5 Web Server and easy web app development
- Data Collection and PDF Reporting Engine inside
- Gateway and protocol conversion
- Stack Widget, QR Code Widget, Chromium Browser and Web Link Widgets, IP Camera and Calendar Widgets, and more
- CFR21 Compliant Toolkit with Audit Trail and Electronic Signatures
- Active Directory support for user management (Coming Soon)

Key Benefits

- JMobile Runtime for PC is a cost effective replacement for Generic SCADA, Single Version, 10K Tags, one low price
- Connect to most any field device and easily integrate with Network or any Cloud Platform
- Connect to Corvina Digitalization Platform by simply choosing your tag group and alarms
- Create all your local HMI applications as well as your remote Web and Cloud applications in the same software. Fully responsive Web applications
- Eliminate 3rd party Gateways for bridging communications between devices and the network or cloud
- Bring value-added resources locally to solve problems such as operator training or alarm handling
- Modernize the feature set by creating Wizard Based Navigation or scan an OnScreen QR Code to view problem solving materials
- Collect and analyze data from all your devices and quickly generate a graphical PDF Report directly from any EXOR hardware
- Create highly secure and CFR21,11 compliant applications



Uses

- As a Generic SCADA Replacement
- Develop Globally Accessible Dashboards
- Develop UI/HMI Applications
- Bridge communications between hundreds of protocols and devices
- Integrate Data with a Network Database or Other Applications
- Configure your Data Collection and Historian applications
- Build and Deploy any type of Reports
- Develop IoT Applications
- Connect to any Cloud and EXORs Corvina Digitalization IoT Platform

“JMobile is a unified and cohesive development suite.”

Learn more about JMobile.



eX700 Family

For High Performance Edge Visualization, Control, and IoT integration

The eX700 Family offers high performance Edge visualization, control, Web Browser, and IoT integration with modern feature and appeal, maximum durability, vast connectivity, and the power to consolidate 3rd party devices removing unnecessary cost and complexity. The eX700M Web Panel models offer robust, appliance-like HTML5 Browser for demanding Web Applications. All with the confidence of a 5 Year Warranty.



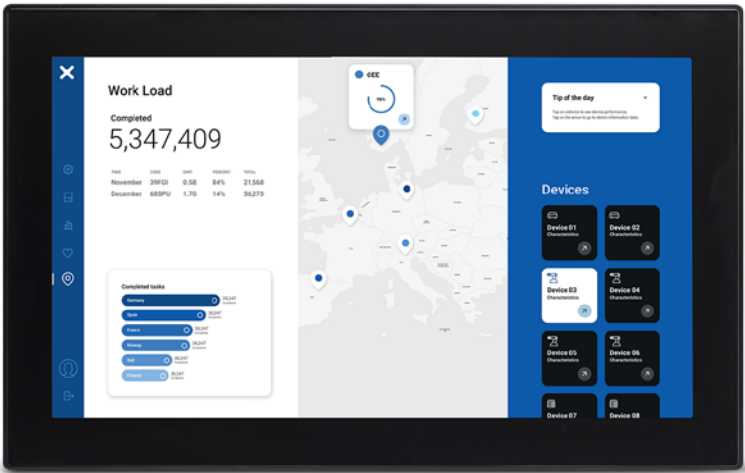
JMobile
Inside

Unique Features

- High Performance HTML5 Browser Web Panel models available
- High Performance to allow complex visualizations, demanding communications, and 3rd Party Device Consolidation
- Multiple Ethernet Ports for separation of networks with a built-in NAT Router, Firewall, and VPN. Optional Cell Modem
- Glass Capacitive MultiTouch that is Glove Compatible and Highly Durable
- Integrated Codesys IEC61131 PLC Controller Inside for use with optional IO modules or any 3rd Party IO
- Integrated Gateway for IT and Cloud integration or Communication between different devices
- Fully certified for most any industry or application

Key Benefits

- High Performance Web Browser Models for robust, low maintenance, and High Performance Web Browser Applications
- Eliminate Cost and Complexity with the built-in VPN, NAT Router, PLC, Gateway, and Chromium Browser
- Maximum Durability, Modern Gesture Operation, and Glove Compatibility
- Secure and dually authenticated integration of IT and OT
- Highly Connectable and Expandable with multiple communication ports and expansion modules for IO, Cell Modem/WIFI, and additional fieldbus
- JMobile Powered with Hundreds of Communication Protocols and Fieldbus
- Real Time Linux OS with Codesys PLC inside
- Confidence of a 5 Year Warranty



Uses

- When High Performance, Low Maintenance Web Browser interface is required. For applications such as SCADA Clients or Web HMI Interface
- When eliminating 3rd party devices and cost is desired
- When Secure Remote Access is required
- When others have failed, and lasting durability is needed. Scratch and Break Resistant with Acrylic Coating protection on all internal boards. 5 Year Warranty
- When HMI and Built-in PLC is advantageous
- For IoT Edge applications with WIFI and Cell Modem
- When Digitalization and Integration of Data for visualization, storage, and alarming is desired

“High performance Edge visualization, control, and IoT integration.”

Learn more about the eX700M Family.



Learn more about eX700M-Web Panels.



Learn about Optional IO Modules & Cellular Modems.



JSmart Family

Is Built to Survive Harsh Realities

The JSMART “POE” Family delivers high performance Edge visualization, control, Web Browser, and IoT integration with modern feature and appeal while maximizing durability for the harshest environments. Offering a significant reduction in mechanical mounting cost by eliminating the HMI Enclosure with its IP67 front and back 360-degree protection and flexible mounting options. Power over Ethernet (POE) allows for a single IP67 connection for Power and Communications without the need for a traditional power supply. The eX700M Web Panel models offer robust, appliance-like HTML5 Browser for demanding Web Applications.



JMobile
Inside

Unique Features

- High Performance HTML5 Browser Web Panels models available
- Full front and back IP67 rating for complete protection in the harshest environments
- Power over Ethernet and NFC (Near Field Communications)
- Glass Capacitive MultiTouch and Glove Compatible
- WI-FI enabled with built in Environmental and Motion Sensors for a True IIOT Edge Device
- Integrated and Secure Remote Access and IIOT Edge device
- Fully certified for most any industry or application

Key Benefits

- High Performance Web Browser Models for robust, low maintenance, and High Performance Web Browser Applications
- Total Confidence 360 Degree Protection
- Significant Reduction in Mechanical mounting costs. Ditch the enclosure and expensive arm
- Maximum Durability and Modern Gesture Operation
- POE Fast Wire - Single Ethernet Cable for Power and Communications.
- JMobile Powered with Hundreds of Communication Protocols and fieldbus
- Codesys enabled for built in PLC Control

Uses

- When High Performance, Low Maintenance Web Browser interface is required. For applications such as SCADA Clients or Web HMI Interface
- Applications where mechanical cost reduction is desired
- Harsh Environment Applications where other manufacturers have failed
- When additional HMIs are desired on the machine or process. No enclosure, single wire greatly reduces cost
- IIoT Edge applications
- Building Automation Wall Mounted applications
- Applications with HMI Built-in PLC control

“Maximizing durability for the harshest environments.”



Learn more about JSmart.



Learn more about JSmart Web Panels.



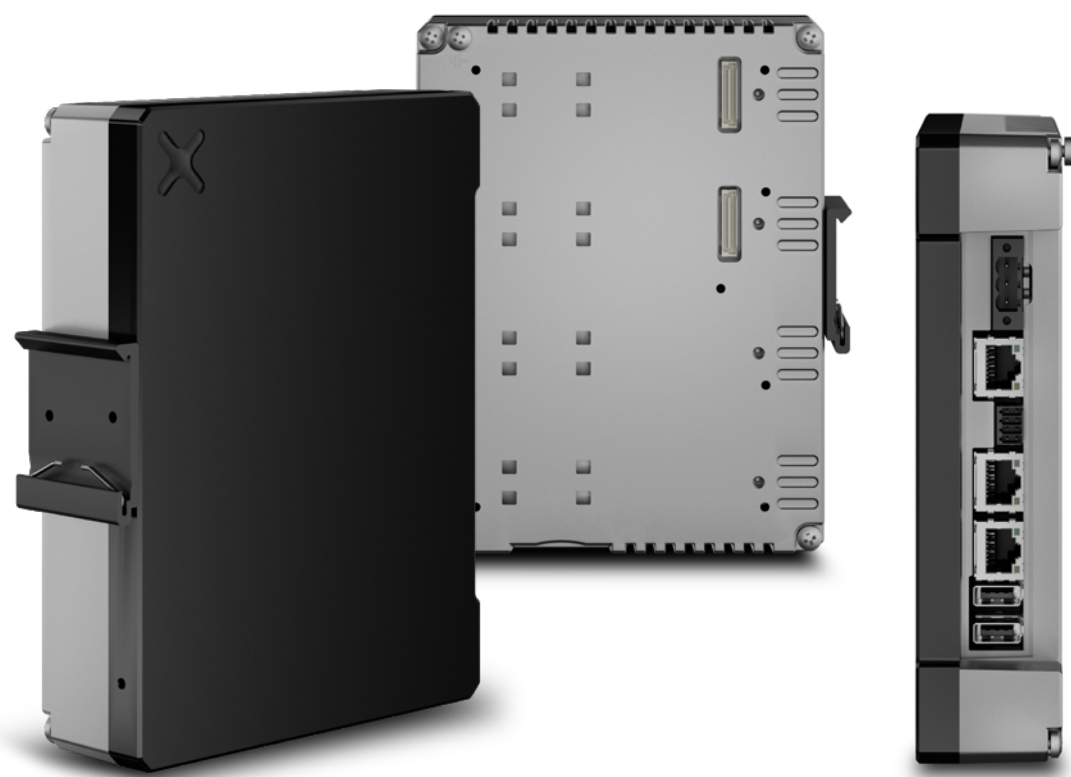
Learn more about JSmart Mounting Accessories.



eXware Series

For data-intensive cloud edge solutions

The eXware family of IoT Gateway controllers serve as a powerful IoT Controller and Gateway for building data-intensive cloud edge solutions and moving data between multi-protocol devices, into a database, 3rd party software applications, or into any Cloud Service. With Corvina Digitalization Platform inside the eXware creates Smart Machines and Smart Manufacturing solutions that provides real-time monitoring, predictive maintenance, and remote-control capabilities. The added power and connectivity of JMobile and Codesys PLC inside gives the eXware hundreds of communication protocols and a Powerful IEC 61131 PLC all with the confidence of a 5 Year Warranty.



JMobile
Inside

Unique Features

- All in One, IoT Controller, Gateway, PLC, VPN and WebServer HMI
- High Performance to allow complex edge data processing, demanding communications, and 3rd Party Device Consolidation
- Multiple Ethernet Ports for separation of networks with a built-in NAT Router, Firewall, and VPN
- Integrated Codesys IEC61131 PLC Controller Inside for use with optional IO modules or any 3rd Party IO
- Integrated Gateway for IT and Cloud integration or Communication between different devices
- Fully certified for most any industry or application

Key Benefits

- Eliminate Cost and Complexity with the built-in VPN, NAT Router, PLC, Gateway, Chromium Browser, and Web Server HMI inside
- Secure and dually authenticated integration of IT and OT
- Highly Connectable and Expandable with multiple communication ports and expansion modules for IO, Cell Modem/WIFI, and additional Fieldbus
- JMobile Powered with Hundreds of Communication Protocols and fieldbus
- Real Time Linux OS with Codesys PLC inside
- Confidence of a 5 Year Warranty

Uses

- As a Powerful IoT Controller securely connecting any products, plants, systems, and machines to a unified eco system for IoT Data Collection, Visualization, and Analysis
- As a Gateway for bridging communication between devices with different protocols with databases, 3rd party software applications, and any Cloud Service
- As a Remote Access VPN where Secure Remote Access is required
- As a PLC with Built in IO or any 3rd Party IO Systems
- For IoT Edge applications with WIFI and Cell Modem
- When Digitalization and Integration of Data for visualization, storage, and alarming is desired

“A powerful IoT Controller and Gateway for building data-intensive cloud edge solutions.”

Learn more about
eXware.



Learn more about
eXware Optional
IO Modules and
Cellular Modems.



eSMART Family

Function and flexibility on a budget

The eSMART Family offers JMobile feature, function, and flexibility at a Budget Class price. The same software, same features as the high-performance models but at a budget friendly price. But don't let that fool you, the eSMART Family is an exceptionally built and featured product, designed to meet the most price sensitive applications without sacrificing quality or feature.



JMobile
Inside

Unique Features

- Stripped down to only the essential components to achieve “budget friendly”
- IP66 Protection Rating for use in the toughest environments
- JMobile Powered with vast communication protocols
- HTML 5 Browser Web Panel Models available
- Extended Power Supply Range +10-32 VDC
- Durable Plastic Touchscreen and high touch performance
- Integrated CAN PORT on eSMART107

Key Benefits

- Budget Friendly with the power of JMobile Inside
- IP66 Protection Class for installation in the toughest environments
- Budget Class Browser Web Panel
- Perfect for Battery Powered Applications w/ wide range power supply
- Wall Mount Boxes available
- Durable Touch Screen designed for no “pillow effect”
- Integrated CAN Communications

Uses

- Price Sensitive applications that demand quality
- When a Low Cost Web Browser is required
- Mobile or Generator Applications w/ CAN Fieldbus
- Wall Mounted Applications for Building Automation

“Exceptionally built and designed to meet the most price sensitive applications without sacrificing quality or feature.”



Learn more about the
eSMART Family.



Harsh Environment Series

Designed for the toughest conditions

The Harsh Environment Series is a family of Extreme Condition HMI's designed to thrive in the toughest environments. Addressing all the problems associated with Harsh Environment or outdoor applications to insure maximum uptime and operation in the most critical applications.



JMobile
Inside

Unique Features

- Outdoor Rated IP66 resistant from High Pressure Spray from all angles
- High Brightness Sunlight Readable HMI
- Optical Bonding of the Display to the Glass Touchscreen
- Ultraviolet, Vibration, and extreme Temperature Endurance
- Class 1, Division 2 / ATEX Hazardous Location and Marine Certified
- Acrylic Coating to protect all boards
- Glass Capacitive Multitouch that is Glove Compatible and Highly Durable
- Wide Operating Voltage (10 to 32VDC)
- JMobile, Codesys PLC, and Corvina Remote Access and IoT Gateway inside
- High Performance to allow complex visualizations, demanding communications, and 3rd Party Device Consolidation
- Multiple Ethernet Ports for separation of networks with a built-in NAT Router, Firewall, and VPN
- Integrated Codesys IEC61131 PLC Controller Inside for use with optional IO modules or any 3rd Party IO
- Integrated Gateway for IT and Cloud integration or Communication between different devices

Key Benefits

- No cover or shroud required for outdoor, direct sunlight exposure
- Optimal sunlight readability at all times
- No Screen deterioration due to UV exposure
- Optical Bonding prevents moisture from compensating between display and touchscreen
- Can survive in environments with extreme vibration and temperatures
- Resistance from rain, snow, sleet, or hail
- No failures from corrosion caused by temperature swings and condensation
- Allows for 12V Battery Operation due to wide range power supply
- Eliminate Cost and Complexity with the built-in VPN, NAT Router, PLC, Gateway, and Chromium Browser
- Maximum Durability, Modern Gesture Operation, and Glove Compatibility
- Highly Connectable and Expandable with multiple communication ports and expansion modules for IO, Cell Modem/WIFI, and additional fieldbus
- JMobile Powered with Hundreds of Communication Protocols and fieldbus



Uses

- Any Outdoor, Direct Sunlight, exposed to elements applications
- Hazardous Location or Marine Applications
- Perfect for Mobile, Truck Mounted applications
- Solar Applications
- Oil & Gas Applications
- Mining Applications

“Designed to thrive in the toughest environments.”

Learn more about Harsh Environment HMI Series.



Learn more about Optional IO Modules & Cellular Modems.



Food & Beverage Series

The ideal choice for food & beverage and pharmaceutical

The eX700FB family has been designed to offer the Food & Beverage Industry the highest level of food safety and quality and is proven to solve the industry wide problem of HMI failures. With the eX700FB no longer is the HMI required to be shielded from high temperature, high pressure cleaning or subjected to less effective, higher risk alternative HMI cleaning procedures. The IP69 PCAP Touch “Glove Compatible” HMI has a 316L stainless steel bezel and Polyester front foil resistant to the high pressure, high temperature, harsh chemical wash-down. No more covering the HMI panel during equipment cleaning. No more manual, less effective secondary cleaning procedures. And most certainly, no more HMI failures. Most importantly, a greatly reduced risk of product contamination from manual, secondary cleaning procedures. The eX700FB family’s design conforms to the guidelines in DIN EN 1672-2 “Food processing machinery – Safety and hygiene requirements.”



JMobile
Inside

Unique Features

- 316L Stainless Steel Bezel
- IP69 Fully Washdown Compatible
- Harsh Chemical Resistant
- PCAP “Glove Compatible” Touchscreen
- Food Compatible gasket and sealing compliant with FDA 21 CFR 177.2006
- High Performance to allow complex visualizations, demanding communications, and 3rd Party Device Consolidation
- JMobile, Codesys PLC, and Corvina Remote Access and IoT Gateway inside
- Multiple Ethernet Ports for separation of networks with a built-in NAT Router, Firewall, and VPN
- Integrated Codesys IEC61131 PLC Controller Inside for use with optional IO modules or any 3rd Party IO
- Integrated Gateway for IT and Cloud integration or Communication between different devices

Key Benefits

- Greatly Improved Food Safety and Quality
- LESS RISK for Food and Beverage Product Contamination due to Manual Cleaning
- Eliminates the need to cover the HMI for machine cleaning. Fully Washdown Compatible
- Eliminates the less effective/higher risk secondary, cleaning process.
- Eliminate costly production downtime due to HMI failures.
- Eliminate Cost and Complexity with the built-in VPN, NAT Router, PLC, Gateway, and Chromium Browser
- Maximum Durability, Modern Gesture Operation, and Glove Compatibility
- Secure and dually authenticated integration of IT and OT
- Highly Connectable and Expandable with multiple communication ports and expansion modules for IO, Cell Modem/WIFI, and additional fieldbus
- JMobile Powered with Hundreds of Communication Protocols and fieldbus
- Real Time Linux OS with Codesys PLC inside



Uses

- Food & Beverage Washdown Applications

“Proven to solve the industry wide problem of HMI failures.”

Learn more about
eX700 Food &
Beverage Series.



Learn more
about Optional
IO Modules and
Cellular Modems.



X5 Wireless

Mobility, flexibility, safety

Untethered wireless mobility and award-winning ergonomics in a Safety Certified Device make the X5 Wireless the choice for flexibility and operator safety. X5 Wired Models are also available.

Unique Features

- Wired and Wireless Models available
- No Touch Contactless and Safety Certified Pairing between Handheld HMI and XBase Station
- Illuminated Emergency Stop Button
- XBase Station is an HMI Application Server
- Wireless Handheld HMI is a Remote Client
- The X5 Wireless HMI can be used with multiple XBase Stations
- Highest Rated SIL3 rated Safety Device
- Mounting Base includes Battery Charger and Spare Battery
- All the Features and Benefits of an eXWARE

Key Benefits

- Highest level of Operator Safety With remote contactless pairing and safe distance operation
- Complete Mobility around the machine or process
- Eliminate Cost and Complexity with the built-in VPN, NAT Router, PLC, Gateway, and Web Server HMI inside
- Secure and dually authenticated integration of IT and OT
- Highly Connectable and Expandable with multiple communication ports and expansion modules for IO, Cell Modem/WIFI, and additional fieldbus
- JMobile Powered with Hundreds of Communication Protocols and fieldbus
- Real Time Linux OS with Codesys PLC inside
- Easily add to an existing machine or process regardless of control architecture

Uses

- AGV, Robotic Cells, or Crane Applications
- When Operator Safety is Paramount
- When mobility around a machine or process is required for operation, setup, or maintenance

“The choice for flexibility and operator safety.”



JMobile
Inside



Learn more about the
X5 Wireless.





Automation
Distribution

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EXOS