

Enabling Interactive IIOT with Elo Touch Solutions

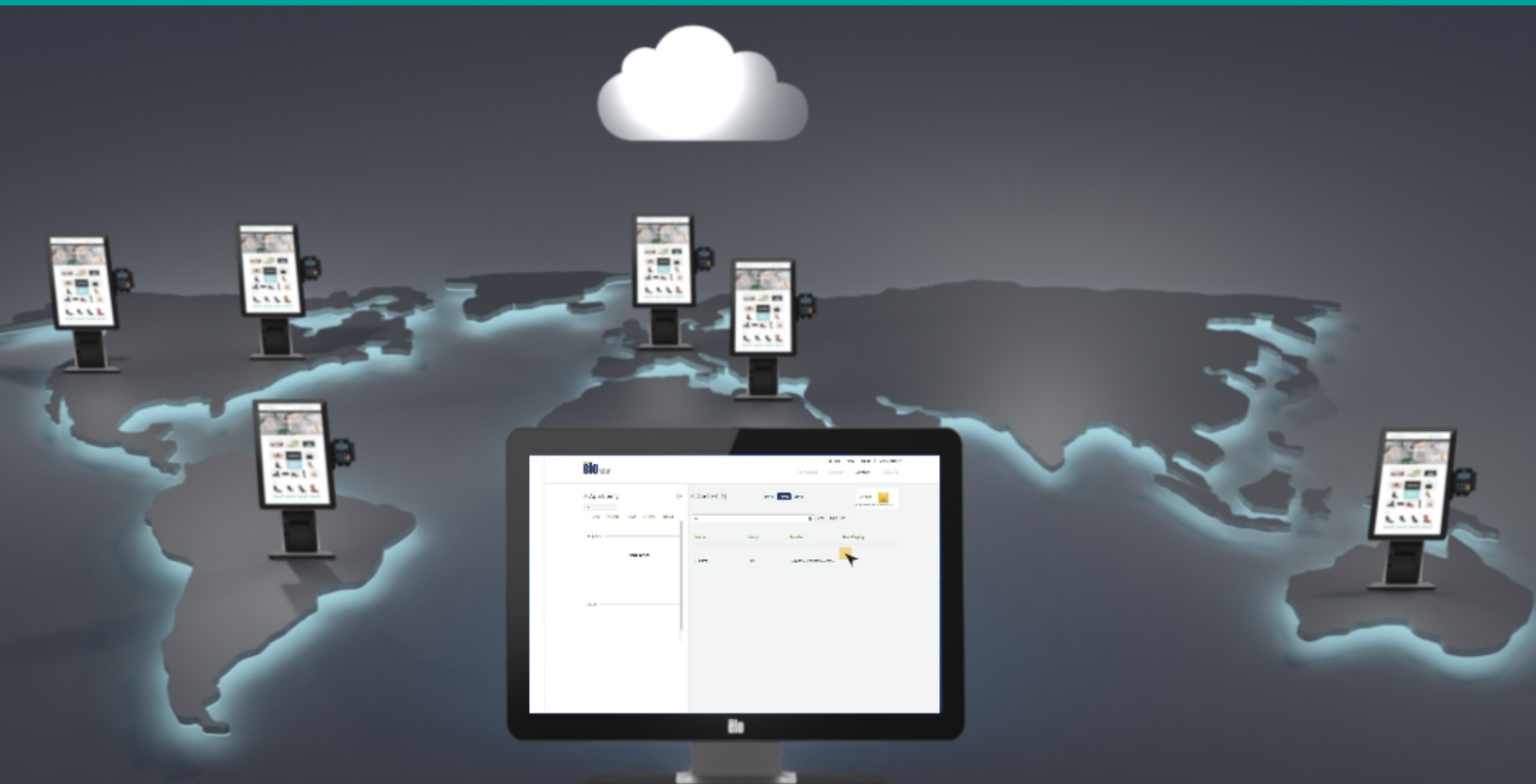
Elo is Bringing Interactivity to the Industrial Cloud Connected World

Elo, the original inventor of the touch screen, is enabling cloud connected interactivity for commercial and industrial markets with a new selection of products. These products allow traditional industrial customers to connect their interactive solutions securely to the cloud without the complexity and long design cycles typically associated.

Industrial IOT is typically more sophisticated than the equivalent consumer device. IIOT requires a different approach to connectivity, enabling the customer to not only collect data from their devices but also to manage and interact with that device remotely. It's important the device's software image is maintained while changes are made to the operation of the device and data is collected. Elo accomplishes all of this with its segment leading hardware platform, coupled with it's device management software, EloView. It gives the industrial customer fast time-to-market and simple implementation at an affordable cost.

Elo's Android-based products allow customers to deploy intuitive user experiences and connectivity. With a platform purpose-built for security, flexibility and remote management — Elo removes the headaches of deploying Android in commercial and industrial environments. Enabling customers to easily and quickly bring cloud connectivity to as applications like factory automation, commercial appliances and process control.

IIoT with Elo Touch Solutions





Open Frame Touch Monitors – Bringing Interactivity to Industrial/Commercial Markets

Elo's 90-Series open frame touch monitors provide flexible and scalable interactivity for industrial and commercial installations where longevity and reliability are key. A wide range of sizes are available from 10.1- to 55-inch, are all designed for ease of integration. [90-Series open frame touchscreen web page](#).

Elo Backpack – Android Compute Engine with Cloud Connectivity

The Elo Backpack Android compute engine transforms Elo touchscreen monitors and open frames into interactive commercial-grade systems. It is capable of running audio, video and interactive web-based content along with Android apps and provides direct cloud connectivity when used with our EloView software. [Elo Backpack \(Android Compute\) web page](#)



Processor	Qualcomm Snapdragon APQ8053 2.0GHz Octa-Core Processor
Memory (RAM)	2GB DDR3L
Storage	16GB SSD
Wireless	802.11 b/g/n/ac
Bluetooth®	Bluetooth® 4.1
I/O Ports	2× USB 2.0 Ports, MicroSD card slot, Ethernet 1× LAN (Gigabit), GPIO, eDP, LVDS, Line Out
OS	Android™ 7.1 with EloView content deployment and management
Power Supply	AC input voltage: 100-240 VAC 50-60Hz
Regulatory approvals	UL/cUL, FCC, IC (Can), CE (Eur), CB (Intl.), CCC, SRRC, China RoHS, VCCI, MIC (Japan), RCM (Australia)
Warranty	2-year



Fully Integrated I-Series

The I-Series product line from Elo provides a fully integrated Android or Windows based touchscreen all-in-one computer. The I-Series brings commercial grade reliability to many different application spaces. Elo's Edge Connect line of accessories and peripherals are available to customize the I-Series to the end users application.



EloView – The secure platform for remote content deployment and device management.

The EloView SaaS platform enables cloud connectivity for your interactive touch devices providing a simple and intuitive way to manage your remotely deployed systems. It is designed to provide the following functionality and is continually under development with new features added to every release.

- > Remote management – monitor your remotely deployed devices
- > OS updates – maintain the OS image with bug fixes
- > Provisioning – deploy Android applications remotely
- > Statistics – collect system statistics
- > secure locked system – lock the system to a webpage or application

More details on EloView can be found on the webpage. [EloView web page](#)

Standard Part Numbers

Part Description	Part Number	Link
Elo Backpack (Android Compute)	E611864	Elo Backpack web page
1093L Open Frame Monitor	E321195	1093L web page
1291L Open Frame Monitor	E331595	1291L web page
1593L Open Frame Monitor	E331799	1593L web page
10" Android i-Series	E610902	10.1" Android I-Series web page



Customized Solutions

Elo takes Interactive IIOT to the next level by offering flexible, customized solutions with different levels of integration. Whether a design requires board level integration with an LCM + compute board, system level integration with Android compute engine + openframe or a fully integrated system with the I-Series, Elo is here to help bring design concept to reality.



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