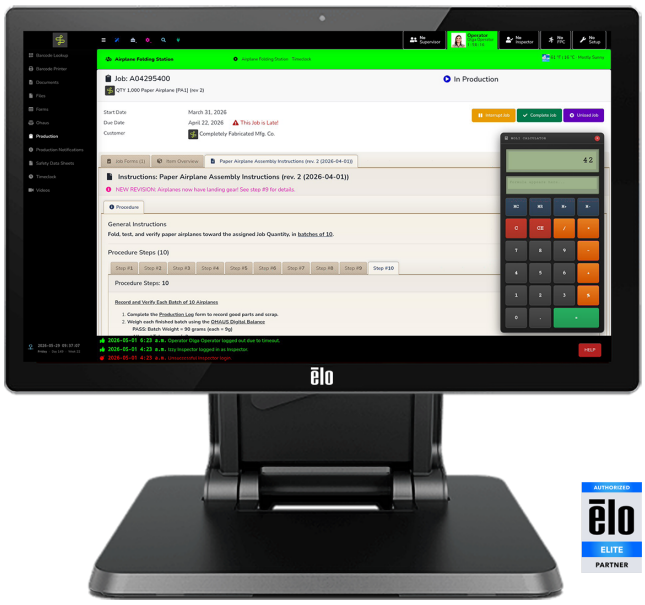
MOLI Production Kiosks

where the physical world meets the digital — at every workcenter



A kiosk that knows the job.

Paper travelers got you here.

MOLI Production Kiosks get you further.

Most software stops at the screen. MOLI connects to everything at the workcenter — barcode scanners, printers, measurement instruments, sensors, stacklights, and the machine itself — while staying fluent with your ERP, MES, QMS, and other key systems.

The right information at the right place, delivered to the right people at the right time — automatically — integrated. That's the MOLI advantage.

WHAT OPERATORS CAN DO AT EACH KIOSK

JOB MANAGEMENT

- View all jobs assigned to this workcenter at current status
- Transition job status: Start → In Production → Complete / Interrupt
- Flag jobs with configurable flags (e.g. black flag, quality hold)
- View associated items with BOM, drawings, and linked resources
- Scan a traveler, label, or other barcode to load a job instantly
- View and resolve Production Notifications for this workcenter

WORK INSTRUCTIONS & TRAINING

- Role-specific, revision-controlled Electronic Work Instructions (EWI)
- Training verifications with e-signature and operator photo capture
- Configurable-pass-threshold assessments tied to the job or item
- Skill matrix awareness — only what this operator is qualified to run
- Safety data sheets and compliance documents always accessible
- Arbitrary documents, files, photos, videos — no job context required

FORMS & DATA CAPTURE

- Smart forms pre-populated with operator, machine, job, and time
- Barcode, RFID, and camera scan directly int form fields
- Metrology data from connected USB/RS-23 instruments or sensors
- Barcode label printing from any form field o job / item record
- HELP button — one press escalates to the right supervisor
- All actions logged with who, what, when, a where

MULTI-SESSION ARCHITECTURE

OPERATOR SESSIONS

- Multiple operators can sign in to the same kiosk
- Log in by badge scan, barcode, keyfob, or employee ID #
- Load job; status transitions and work instructions
- Forms, assessments, and training verifications
- HELP button always present
- Full MOLI Toolbox access

SUPERVISOR OVERLAY

- Tap to enter — operators stay active
- View and resolve escalations and notifications
- Job approvals, overrides, sign-offs
- Explicit Mode limits scope to this workcenter
- Session drops away automatically on timeout
- Credential enrollment (e.g. barcodes, keyfobs)

MOLI PRODUCTION KIOSK VS. A TYPICAL WEB APP

CAPABILITY	MOLI PRODUCTION KIOSK	TYPICAL WEB / HTML5 APP
Workcenter context	✓ Knows machines, workcenters, jobs, shift, operators automatically	✗ User must navigate and select
Identity / authentication	✓ Employee ID, barcode, keyfob, RFID — kiosk-optimized single factor; full MFA when required	✗ Username/password; no physical credential integration
Concurrent user sessions	✓ Operators + inspector + FPC + supervisor simultaneously; no logoff required	✗ Single session; switching users requires full logout
Permission scoping	✓ Explicit Mode constrains permissions to the functionality of the specific location	✗ User carries full permissions regardless of where they log in
Barcode / RFID integration	✓ Native — triggers workflows, populates forms, authenticates users, does lookups	**~ Possible via HID emulation**
Label printing (ZPL)	✓ Direct ZPL to Zebra printers; direct PDF to most IPP/RAW networked printers	✗ Browser print only; no ZPL; drivers, management, and infrastructure required
Metrology / instrument data	✓ USB/RS-232 instruments and sensors write directly into form fields or dedicated interface	✗ No equivalent; manual transcription
Edge Connect peripherals	✓ Scanner, RFID/NFC, MSR, audio interface, status light — no cables, powered by kiosk	✗ Peripherals require separate drivers, cabling, and integration
Device management	✓ EloView / Knox MDM included in MOLI license	✗ Browser updates only

🚩 **MOLI Kiosks aren't just a browser pointed at a web app. They're complete workcenter terminals.**

A web app knows your username. A MOLI Kiosk knows your name, your training status, the shift, the job, the machine, and more. It uses that context to present exactly the right interface, enforce exactly the right permissions, and capture exactly the right data — without asking the operator to re-enter information the system already knows.

MOLI CERTIFIED PRODUCTION KIOSK DEVICES

FIXED KIOSK	FIXED KIOSK	MOBILE	MOBILE	MOBILE	MOBILE
Elo I-Series 5 21.5"	**Elo I-Series 5 10.1"**	**Zebra TC501 6" Handheld**	**Zebra TC22 6" Handheld**	**Zebra ET401 10" Tablet**	**Samsung Galaxy A9**
PREFERRED		PREFERRED		PREFERRED	

MOLI Kiosks are part of a certified ecosystem that also includes Mobile Devices, Digital Signage Devices, Barcode Scanners, Label Printers, Smart Stacklights, metrology instruments, sensors, ERP integrations, mounting hardware, consulting, training, and implementation services.

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Ready to put the floor in context? **Let's talk.**

PERDIXSW.COM

Perdix Software
info@perdixsw.com
(585) 471-6800