**THE CHALLENGE**

You need a simple and effective way to improve manufacturing productivity. A way to gather actionable information that exposes problem areas, and a way to inspire and motivate the people that have the greatest impact on productivity – your plant floor employees. You need information fast – and at your fingertips. Not buried in a report that is days or weeks old. With resources and budgets already stretched thin, somehow you need to produce more with less. And you need an easy and affordable solution with no software to install, no contracts to sign, and installation measured in hours – not weeks or months.

**THE SOLUTION**

Introducing the XL400 Productivity Appliance™. A “bolt-on” performance management tool that is so easy to use that it can be self-deployed in about an hour. The XL400 automatically tracks production in real-time and instantly delivers meaningful, accurate, and actionable information anywhere in the world. We call it Data Anywhere, Data Everywhere™. The integrated large area visual display informs, alerts, and motivates your plant floor employees, while the built-in Ethernet LAN connection delivers instant production reports and analytics to supervisors and managers—wherever they are. All from one, low-cost, fully-integrated hardware appliance.

**THE PRICE**

<table>
<thead>
<tr>
<th>XL400 4” 4 to 12 Digits</th>
<th>From $1,690</th>
<th>XL400 8” 4 to 8 Digits</th>
<th>From $1,890</th>
</tr>
</thead>
<tbody>
<tr>
<td>XL400 6” 4 to 8 Digits</td>
<td>From $1,790</td>
<td>XL400 12” 4 to 6 Digits</td>
<td>From $2,290</td>
</tr>
</tbody>
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**KEY BENEFITS**

- A complete solution—plant floor scoreboard, production reporting system, historical analytics, and browser-based live data—all included.
- No software to install. Simply plug the XL400 into your LAN and it delivers instant plant floor performance data.
- No changes to your process. It’s a “bolt-on” solution that easily connects to your existing process.
- No waiting. Instant production reports delivered in Excel®, Word®, and CSV formats.
- Live production data delivered directly to your desktop via a standard web-browser.
- Motivates plant floor employees to meet and exceed goals with real-time performance feedback.
- Eliminates time consuming and error-prone manual data entry.
- Tracks 100+ metrics including OEE, Target, Performance to Takt, Rate and Down Time.
- Exposes losses in real-time for immediate corrective action.
- Shows if process is on target (green), slightly deviating (amber), or requires immediate attention (red) on tricolor models.
- Adapts to your process with intuitive browser-based configuration tools.
- Field proven with thousands of installations across all major industries.
- Self-deployed in about an hour.
- FREE 90-day trial with expert technical support.
We Improve Manufacturing Productivity™ • 1-877-767-LEAN • www.vorne.com

“SIX-IN-ONE” PRODUCTIVITY APPLIANCE™

The XL400 is an incredibly flexible performance management platform that combines six products into one simple package:

- **Visual Display** - Informs, alerts, and motivates employees
- **Production Monitor** - Tracks manufacturing performance
- **Data Warehouse** - Manages real-time and historical data
- **I/O Processor** - Provides flexible connectivity to your process
- **Embedded Server** - Distributes data to managers everywhere
- **Programming Platform** - Tailors operation to your process

**VISUAL DISPLAY**

The XL Visual Display provides instant performance feedback to the plant floor. Information that informs, alerts, and motivates your plant floor employees.

**See Goals, Meet Goals**

Goals are a powerful motivator, and the XL Visual Display establishes a shared set of goals for the plant floor. In fact, for most applications, the XL Visual Display is the fastest path to productivity gains. It channels people’s natural competitive spirit and harnesses their desire to win by establishing SMART goals (Specific, Measurable, Attainable, Realistic, and Timely).

**Focused Feedback**

XL delivers the right information to the right people at the right time. It translates complex manufacturing data into easy-to-understand performance feedback. The result is a well informed, strategically-aligned workforce that is truly focused on improving productivity.

**Customizable—Not Custom**

Every production situation is unique. That’s why XL makes it especially easy to select the metrics that are most meaningful for your plant floor. With 100+ metrics available “out of the box,” XL easily adapts to your needs. Plant floor events are immediately reflected on the XL Visual Display, providing a direct link between action (line goes down) and reaction (operator resolves problem).

**DATA WAREHOUSE**

The XL Data Warehouse manages real-time and historical data with Registers and Streams.

**Registers**

Registers store real-time data such as the 100+ metrics generated by the XL Production Monitor. They also provide hundreds of “uncommitted” registers that can be loaded from PLCs, ERP systems, and other sources.

**Streams**

Streams store archived historical data, such as production records for the last 1,000 shifts and 1,000 jobs.

**I/O PROCESSOR**

The XL I/O Processor provides flexible connectivity to your production process.

**Digital Inputs**

Eight (8) digital inputs are standard, and can be expanded to twenty-four (24) with a sixteen-input expansion card.

**Digital Outputs**

One (1) relay output is standard. Relay outputs are for annunciation only, and are not designed or intended for control applications.

**Communication Ports**

Three (3) communication ports are standard: 10/100 Ethernet, RS-232 and RS-232/RS-485 (selectable).

**EMBEDDED SERVER**

The XL Embedded Server provides instant access to production data for supervisors and managers—from anywhere in the world—with no software to install.

**Data Anywhere, Data Everywhere™**

Supervisors and managers can view live production data and download shift and job reports in Excel®, Word®, and CSV formats—all via a standard web-browser.

**Documentation Center**

No lost manuals, no out-of-date information, and no digging for documentation. The XL Documentation Center delivers instant access to complete XL documentation direct from XL via web browser.

**PROGRAMMING PLATFORM**

The XL Programming Platform makes it easy to tailor XL operation to your specific requirements. Create application specific programs by simply stringing together predefined commands to achieve your desired operation.

**Time Schedules and More**

Programs can be automatically triggered by time schedules, inputs, presets, production state changes, and more.

**Unlimited Applications**

- Drive a stack light based on line speed or downtime
- Automatically display remaining time for breaks
- Create “custom” metrics and KPIs
- Create a maintenance call button with a response timer

**SPECIFICATIONS**

**Visual Display**

- 4” to 12” tall digits, 4 to 12 digit configurations
- Red LED or Tricolor (Red/Green/Amber) LED (4” only)

**Digital I/O**

- (8) Inputs - 5 to 24 VDC Sink/Source (expandable to 24)
- (1) Output - 1A, 120 VAC, SPDT Relay

**Electrical**

- Voltage: 100 to 240 VAC
- Power: 16 to 65 Watts (depending on model)

**Mechanical**

- XL400 4” (8.4” H x 16.3” W x 43.5” D; 4-6 Digits)
- XL400 8” (12.4” H x 29.7” W x 57.3” D; 4-8 Digits)
- XL400 12” (16.4” H x 44.7” W x 73.8” D; 4-12 Digits)

**FREE 90-DAY TRIAL**

XL is an easy and complete solution that will save you significant time and money. We’ll prove it! Try an XL unit in your plant for 90 days. After 90 days, simply return it or pay for it.

**CALL NOW! 1-877-767-LEAN**