**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 XL800 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 XL800 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>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>XL800-32080T</td>
<td>4-Line 80 Column</td>
<td>$3,790</td>
</tr>
<tr>
<td>XL800-32160T</td>
<td>4-Line 160 Column</td>
<td>$5,590</td>
</tr>
<tr>
<td>XL800-32240T</td>
<td>4-Line 240 Column</td>
<td>$7,590</td>
</tr>
</tbody>
</table>

**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 XL800 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).
- 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.
**VISUAL DISPLAY**

The XL Visual Display provides instant performance feedback to the plant floor. Information that informs, alerts, and motivates your plant floor employees. Employees' natural competitive spirit and harnesses their desire to win by establishing SMART goals (Specific, Measurable, Achievable, Relevant, and Timely).

**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. Think of XL as a real-time performance dashboard for your plant floor.

**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).

**PRODUCTION MONITOR**

The XL Production Monitor connects to your manufacturing process with plug-and-play simplicity. Seven integrated modules provide metrics and KPIs that are critical to understanding and managing your production: Counts, Rates, Cycles, Production Times, Visual OEE™, Targets, and Goals.

**Easy Integration**

Simply add one or two sensors and get a wealth of actionable information.

<table>
<thead>
<tr>
<th>YOU PROVIDE</th>
<th>XL PROVIDES</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Sensor</td>
<td>Total Count, Current Rate, Average Rate, Current Cycle Time, Last Cycle Time, Average Cycle Time, Run Time, Last Run Event, Percent Run, Down Time, Last Down Event, Percent Down, OEE Availability</td>
</tr>
<tr>
<td>Second Sensor</td>
<td>Good/Reject Count, Percent Good/Reject, Good/Reject Rate, OEE Quality</td>
</tr>
<tr>
<td>Ideal Cycle</td>
<td>Standard Cycles, Standard Cycles Time, Slow Cycles, Slow Cycles Time, Small Stops, Small Stops Time, OEE Performance, OEE</td>
</tr>
<tr>
<td>Takt Time</td>
<td>Target Place, Pace Timer, Takt Timer, Count Variance, Time Variance, Efficiency</td>
</tr>
<tr>
<td>Goal</td>
<td>Pieces to Goal, Percent of Goal</td>
</tr>
<tr>
<td>Setup Switch</td>
<td>Setup Time, Last Setup Event, Percent Setup</td>
</tr>
<tr>
<td>Time Schedule</td>
<td>Standby Time, Last Standby Event, Percent Standby, Remaining Time</td>
</tr>
</tbody>
</table>

**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, and can be expanded to six (6) relay outputs with an output expansion card. Relay outputs are for announcement 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).

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