



Visual Presentation, Reporting & ERP Integration	OEE Alert Bundle	OEE Studio Bundle	OEE Suite	Inspection Module	OEE Connect
View all of your Vorne XL Devices on one Screen	Y		Y		
Unlimited Data Retention All data is quickly harvested to a SQL database to provide historical reporting & analysis. ***** Includes XL Bolt-On Data Collector *****	Y	Y	Y		
Data Roll-up and Aggregation Multi-level filtering	Y	Y	Y		
Personalized Dashboards, Displays and Report Layouts Lets you see just the information you want.	Y	Y	Y		
Real-time Production State Display See all of the Vorne TPTs™ on one screen with visual downtime alerting.	Y		Y		
Short Interval Control Replaces the Production Whiteboard	Y		Y		
Customized Email/Text Alerts	Y		Y		
Reason Code Adjustment Provides the ability to change reason codes - add comments - for specific events after the fact. Especially useful if the operator forgot to scan a reason code.	Y		Y		
Production State Adjustment Provides the ability to change production states. This will automatically recalculate the OEE values in the database.	Y		Y		
Downtime and Reason Pareto Reports	Y	Y	Y		
Ad-Hoc Reporting -Analyze what happens to OEE when you run different products across different lines with different shifts. -Flexible multi-format outputs.		Y	Y		
Inspection Module - Adjust Counts - Batch Reject - Record defect types by component or inspection points – configurable - Option to Pass or Fail – or pass with signaled defects. - Updates Vorne reject count on current job only – database is updated for past jobs.				Y	
Diverse Manufacturing Built In Works in any type of plant production.	Y	Y	Y	Y	Y
Create Vorne-specific Part Barcodes Do you have your Part data in a spreadsheet? We can import that data into our table and then you can generate Vorne-specific barcodes to copy the					Y
Connect your production data to your ERP system Provides the ability to capture Work/Cost Center, Material/Part numbers, Production Orders, number of pieces run, downtime reason codes and downtime duration per reason code.					Y
Cost effective - Fast - Comprehensive We can have you up and running in a couple of hours! No waiting for IT resources to build your report - the data is right there! Includes Installation/Commission/Training.	Y	Y	Y	Y	Y
Free 35-day trial for up to 3 XL devices	Y	Y	Y	Y	N/A

Pricing is based on the number of Vorne XL devices.	OEE Alert	OEE Studio	OEE Suite	Inspection	OEE Connect
5-Pack	*	*	\$8,922		
10-Pack	\$7,920	\$7,920	\$12,745	**	***
Each after Pack purchase	\$615	\$615	\$995		

** - Inspection Module is an add-on to OEE Alert. It is priced per site at \$4,995.00. Please contact us for more information

*** - OEE Connect is priced per site starting at \$8,995 for standard configuration. Customization cost is quoted on time and material basis. Please contact us for more information.

Installation includes downloading and installing the XL Bolt-On Data Collector, SQL Database, enabling IIS and OEE Audit and/or OEE Alert.

Commissioning includes setting up the database, configuring the Data Collector hierarchy, configuring OEE Studio and/or OEE Alert and validating the data – shift resets, job resets (if any), timeline events, etc.

Training includes one hour of training - guiding users through the basics of OEE Studio and/or OEE Alert and designating one user as point person to become subject matter expert on OEE Studio/OEE Alert (includes 2 hours if part of OEE Suite)

* 5-Pack is available only in the OEE Suite offering

~~~~ - If you have already purchased the XL Bolt-On Data Collector - please call us for product pricing.

These are one-time costs. There are no annual maintenance or support fees. Updates are free of charge.

| Inter-Device Communications & Infrastructure                                                                                                                                                                                                                                                  | XL Bolt-On XLator for your scanner | XL Bolt-On Display Viewer | XL Bolt-On Data Collector | XL Bolt-On PLC Data Link | XL Bolt-On Software Data Link | XL Bolt-On OPC Server |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------|---------------------------|--------------------------|-------------------------------|-----------------------|
| <b>Data Aggregation &amp; Retention</b><br>Collects data automatically from all of your XL devices into a single SQL database<br><b>Comes with the OEE products on the other page</b><br><i>XL Bolt-On Data Collector</i>                                                                     |                                    |                           | Y                         |                          |                               |                       |
| <b>Real-time multiple XL displays on one screen</b><br>Visually aggregates multiple XL displays real-time onto a PCs desktop or large TVs (May be used on unlimited number of PCs at customer single location.)<br><i>XL Bolt-On Display Viewer</i>                                           |                                    | Y                         |                           |                          |                               |                       |
| <b>PLC Data Link</b><br>Communicate XL data to other XL devices. Data connectivity from PLCs via 3rd party OPC server (not provided)<br>Communicate PLC data to XL devices for display, reason codes, inputs or commands.<br>Includes XL Bolt-ON OPC Server.                                  |                                    |                           |                           | Y                        |                               | Y                     |
| <b>Software Data Link</b><br>Database lookup for scanning your own barcodes and loading from your database. Simple e-mail notification on conditions based on XL variables. Flexible C#/VB.net scripting for unlimited customization for MES/ERP integration. Includes XL Bolt-ON OPC Server. |                                    |                           |                           |                          | Y                             | Y                     |
| <b>XL Bolt-On OPC Server</b><br>Provides OPC DA Connectivity to an unlimited number of XL devices. Includes predefined registers, no tag configuration necessary. Supports XL command execution.                                                                                              |                                    |                           |                           |                          |                               | Y                     |
| <b>Database Lookup</b><br>Work with your IT team to get the data from your ERP/MES/Scheduling system for Parts lookup                                                                                                                                                                         |                                    |                           |                           |                          | Y                             |                       |
| <b>Arbitrary Bar Code Scanning</b><br>Use the XL Bolt-On XLator device to read any barcode with any Vorne Scanner. Is installed with your scanner.                                                                                                                                            | Y                                  |                           |                           |                          |                               |                       |
| <b>Diverse Manufacturing Built In</b><br>Works in any type of plant production.                                                                                                                                                                                                               |                                    | Y                         | Y                         | Y                        | Y                             | Y                     |
| <b>Cost effective - Fast - Comprehensive</b><br>We can have you up and running in a couple of hours!                                                                                                                                                                                          |                                    | Y                         | Y                         | Y                        | Y                             | Y                     |
| <b>Free trial for up to 3 Vorne XL devices</b>                                                                                                                                                                                                                                                | N/A                                | 2 hours                   | 35 days                   | 2 hours                  | 2 hours                       | 2 hours               |

| Pricing is based on the number of Vorne XL devices.  | XLator | Viewer  | Collector | PLC     | Software | OPC |
|------------------------------------------------------|--------|---------|-----------|---------|----------|-----|
| 10-Pack                                              | n/a    | \$2,995 | \$2,995   | \$2,495 | \$2,495  |     |
| Each after Pack purchase                             | \$175  | \$215   | \$215     | \$165   | \$165    |     |
| Installation & programming support (one time charge) |        |         |           | \$750   | \$750    |     |

XL Bolt-On OPC Server sold separately

\$1,295

Pricing is based on the number of Vorne XL devices that the software will communicate with. Licenses are for single server installation unless otherwise indicated.

Multiple installations will require multiple licenses. The XL Bolt-On PLC and Software Data Link require local servers.