OEE Audit Product Price Sheet

Effective April 11, 2013. All prices are in USD. Prices Subject to Change Without Notice.

Number of Licenses	Price (USD)	Install ~ Commission ~ Training
1-10 Vorne XL devices	$3,995.00	$599.25
More than 10	$350.00 each	$52.50

- When a customer evaluates and/or purchases OEE Audit, they need to have the XL Bolt-On Data Collector and Microsoft SQL Server. The Data Collector needs to be running at all times on a computer that should be dedicated for this purpose. The SQL Server can also be installed and running on the same computer. It is up to the customer to provide this computer.

- The SQL Server can be downloaded free – using SQL Server Express 2008 R2 or if the customer already is using a SQL Server for other parts of their business, we can see if they will let us install the Data Collector database on that server. It is up to the customer to pay for this software if they want the full-blown version.

- We offer a 35-day trial period of OEE Audit along with the 35-day evaluation copy of the Data Collector. It still requires the same components and installation effort.

Installation includes downloading and installing the XL Bolt-On Data Collector, SQL Database and OEE Audit.

Commissioning includes setting up the database, configuring the Data Collector hierarchy, configuring OEE Audit 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 Audit and designating one user as point person to become subject matter expert on OEE Audit.

Notes:

1. OEE Audit software is licensed based on the number of Vorne XL devices that are being captured in the SQL database by the XL Bolt-On Data Collector. The license is for a single site and can be installed on unlimited PC/laptops.
2. Prices exclude cost of XL Bolt-On Data Collector.
3. Prices exclude extended support option.
4. There is no annual license or maintenance fee.
5. There is no software update fee.
6. There will be an upgrade fee for later major versions or for add-on modules. The fee for an upgraded license will be 25% of the current version price.
7. Users do not have to upgrade to the latest version, but should they upgrade more than one version at a later date, the upgrade fee will be the same as a new license.

Vorne™ - Visual Displays and Productivity Tools™   **XL Bolt-On Products**

Frequently Asked Questions

Application	
How is the application licensed?	OEE Audit is licensed based on the number of Vorne XL devices being supported in the database. OEE Audit can be installed on as many PCs as needed as it is a client-based application.
How is OEE Audit installed?	OEE Audit is provided in two methods of installation. The first and preferred method is the Smart Client option which provides for remote update notification. The second method is the manual download and install option where the user has to download the file, extract it and run the installation setup program.
What Windows operating systems are supported?	Windows XP, Windows 7, Windows Server 2003 & 2008 R2. Untested on Vista and Windows 8. – With all of their current updates applied. The .NET Client Framework 4.0 is required. If it is not there when OEE Audit is installing, the application will install it for you.
What are the minimum hardware requirements?	A Desktop or Laptop machine capable of running Windows XP or later. Recommend using a 64-bit processor with at least an Intel I3 processor and 4 GB RAM.
Can the PC be patched or scanned for virus without affecting the application?	Yes.
What is the front-end programming environment?	The OEE Audit application is developed as a WinForms application using .NET Framework.
Is the application CPU, memory or disk I/O intense?	Memory and CPU loads are not typically intense unless the user explicitly requests large volumes of data from the database.
Does the application support running in a VMWare or MS Hyper-V environment?	The application will run in a VMWare workstation and we are currently testing the MS Hyper-V environment and do not see any issues with this.
If the application is to be installed on PCs with the newer operating systems such as Windows 7 or greater what should I be aware of?	OEE Audit does not make changes to any of the Windows operating system folders. It does require that the .NET Framework 4 Client Profile is installed and accessible on the machine. It will install the framework if it is not there.
Where are the files stored on the PC? (i.e. Root of C: drive, Public, Program Files, etc.)	All application specific files are stored in %appdata%\OEE Audit.
Is the registry used by the application for more than just installation information?	No, OEE Audit does not write values to the registry other than for installation.
What is the frequency of the application upgrades/patches?	For normal OEE Audit features and functions, we typically provide updates to the software 2-3 times per year at no cost. There may be additional updates based on Vorne firmware upgrades that would impact the underlying database for OEE Audit. We provide announcements for any updates prior to their implementation.
Who can install the application?	If the XL Bolt-On Data Collector is already installed and operational, the end-user can install OEE Audit on their own (if they have adequate permissions on their local PC). We can provide installation support remotely and it typically takes less than an hour if all of the prerequisites are met.
Database	
What database platform is supported?	OEE Audit uses the database created from the XL Bolt-On Data Collector and requires the same permissions as the Data Collector. The database supported is MS SQL Server 2005, 2008 R2 and 2012 and their respective Express versions. OEE Audit will create and maintain the tables associated with the application. As such it will issue the following commands: • select • insert into • update • delete from • create table • create nonclustered index • alter table {table} add {column} • alter table {table} add constraint {key} primary key • drop table • begin transaction • commit • rollback
Is there anything unusual about this database or application that you think we should know about?	Keep it Simple – Recovery model = Simple and overwrite the backup files as the data does not need to be appended.

What protocol does the application use to make a connection to the database (TCP/IP, Named Pipes, etc)?	TCP/IP
What will be the approximate, initial size of this database and projected growth rate?	The approximate, initial size of the database (if 1-10 Vorne XL devices are harvested) will be about 10K. The projected growth rate depends on the number of timeline_stream records collected for each Vorne XL device. Initially, there may be a lot of records, but once the teams see what is causing those records they can reduce the incidences thereby reducing the number of records being collected. Normal growth could be 1Gb per year. This data can be archived or deleted after agreement that it is no longer needed for historical reporting purposes
When there are multiple environments (i.e. Development, Test/QA and Production) how is the application configured to access them? Do I need 3 separate installations of the application?	Database connectivity is configured at the client level in the application and can be set to point to any environment. There is no need for multiple installations of OEE Audit.
How will firewall settings affect the application install or use?	SQL Port 1443 must be open in order to access the database. If a different SQL port is used, that port must be open.