OEE Alert FAQ

Frequently Asked Questions

Application	
How is the application licensed?	OEE Alert is licensed based on the number of Vorne XL devices being supported in the database.
What Windows operating systems are supported?	Windows 7, Windows 8, Windows Server 2003, 2008 R2 & Windows Server 2012 – With all of their current updates applied.
What browsers are supported?	IE9 or higher, Safari, Opera, Firefox or Google Chrome; with JavaScript enabled.
What are the minimum hardware requirements?	A Desktop or Laptop machine capable of running Windows 7 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 Alert** application is developed using .NET 4.0 + 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 MS Hyper-V environment.
What is the frequency of the application upgrades/patches?	For normal **OEE Alert** 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 Alert. We provide announcements for any updates prior to their implementation.
Database	
What database platform is supported?	**OEE Alert** 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 Alert** 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 web server application and can be set to point to any environment. There is no need for multiple installations of OEE Alert.
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.