Prophecy System Requirements

The convenience and simplicity of cloud-based solutions with an on-premises system's safety, security, and IP data protection. With your on-premises hardware and Prophecy software, Prophecy IoT® is a complete Industrial IoT system.

Many Prophecy clients can utilize existing excess server capacity. Should your organization have available capacity, there are options to mitigate additional server costs through virtualization and leveraging existing server infrastructure. The following configuration will provide a high-capacity system that will likely exceed most projects' requirements, leaving room for expanded scope in the future. This assumes that SQL Server and the entire Prophecy ecosystem will be installed on a single system. Existing SQL Server instances on other systems can be used, which may reduce the requirements listed below.

We are available to discuss the following and answer any questions:

Specifications
- 8C/16T processor @2.8Ghz or better
- 32GB RAM
- 1TB drive space (Preferably split between 1 drive for OS & apps and another for DB storage)
- Microsoft SQL Server 2016+ (Standard is preferred, Express may be sufficient for some cases)
- Microsoft Windows Server 2016+
- The server needs located in the customers domain

SSL/TLS Certificate Specifications
- Prophecy and the authentication application each require their own URL. Subdomains such as auth.customersite.com and prophecy.customersite.com are typically used
- Therefore, a SSL/TLS certificate (such as a wildcard certificate) is required to be installed

Workstation Computers/Tablets for Operators and Plant Personnel to interface with Prophecy
- Recommend 16x10 ratio screens
- PC or touch-screen tablets (iPad, Fire Tablet, other)

- Considerations for very dirty environments as well as touch screens for users with gloves, may be needed
- HTML 5 compatible

Optional Considerations
- Plan for data backup/redundancy (Responsibility of the client, but we can help with planning)
- Cold/Warm/Hot standby options for disaster recovery
- Additional Windows and/or SQL Server seats depending on who will need access

Optional TV/Monitors for Andon Board visualization
- Placement at strategic locations providing performance analytics and Key Metrics.
- HTML 5 compatible
- "Smart" TV with a web browser (no Roku)

Important Considerations
- Hardware with the specifications above will be needed for each instance of Prophecy. For example, three (3) separate facilities/locations will require three (3) independent servers for Prophecy.
- The SSL/TLS certificate can be applied to multiple locations (contingent on different subdomains), or separate certificates can also be applied to separate locations.