



Project Proposal

July 30, 2026

Mr. Patrick McLaughlin
Utilities Operations Manager
Village of Orland Park
15655 Ravinia Ave.
Orland Park, IL 60462

Subject: 2026 SCADA Server Upgrade

Concentric Project Number: 2501131.00

Dear Mr. McLaughlin:

The Village of Orland Park's current SCADA server was installed in 2019 and is nearing the end of its serviceable life. It has served the Village well, but it is now over 6 years old and running Windows Server 2016. Microsoft will end extended support for Windows Server 2016 in January 2027. After that date, it will no longer release critical security patches or performance updates for that operating system version. Running critical services on out-of-support hardware and software is a potential cybersecurity risk and is not recommended.

Concentric Integration recommends that the Village replace its SCADA server and upgrade the operating system to Windows Server 2025, the latest Windows Server operating system available. In addition to upgrading the server hardware and operating system, the SCADA software, iFix, and alarm notification software, Win911, will be upgraded for compatibility with Windows Server 2025. A rack-mount server will be specified to replace the existing server at Village Hall, similar to what's currently installed.

Concentric Integration greatly appreciates the opportunity to propose the following scope of services:

Scope of Services

Equipment

Concentric will provide the following equipment/licensing:

1. Dell PowerEdge R660 server (or similar) with adequate resources per the SCADA software installation guide and three (3) years of Pro-Support Hardware Warranty
2. Windows Server 2025 Operating System and Remote Desktop User CALs
3. Quantity two (2) Dell Micro 7020 Workstations with adequate resources per the SCADA software installation guide.





4. One (1) SmartSights Win911 2025 License
5. iFix 2024 Licensing and one (1) year of software maintenance
6. DUO Multifactor Authentication seats for five (5) users

Labor

Project Management

1. Plan, schedule, and coordinate the activities required to complete the Project.
2. Coordinate a Microsoft Teams project kick-off meeting with Village Staff.
3. Coordinate with Village IT as it relates to the project.
4. Provide project status updates via email at a frequency agreed upon during the kickoff meeting.

SCADA Server Preparation

1. Install and configure the latest version of Hyper-V Virtualization Software on the new SCADA virtual host.
2. Configure virtual host iDrac to notify Concentric Integration and Village staff of any server hardware issues (i.e., Hard Drives in predictive failure). Concentric Integration also uses iDrac to review the health of the server during monthly preventative maintenance, per the Managed Support Agreement.
3. Apply all compatible firmware upgrades, security patches, and software prerequisites.
4. Create the following Virtual Machines using Hyper-V on the new Virtual Host:
 - a. ORLPK-SC01 – SCADA and Win911 Server
 - b. ORLPK-DC01 – SCADA Domain Controller
 - c. ORLPK-HIST01 – Historian Server
 - d. ORLPK-RDS01 – Remote Desktop Server
5. Configure Terminal Server Roles and Policies on ORLPK-RDS01.
6. Configure the SCADA firewall as needed to allow remote access to ORLPK-RDS01 on the SCADA virtual host.
7. Migrate the policies and users on the existing SCADA domain controller (OPSCDC1) to the new domain controller (ORLPK-DC01).
8. Install and configure DUO within the SCADA environment for Multifactor Authentication.





SCADA Software Migration

1. Install the latest iFix software (2024) on the SCADA Server (ORLPK-SC01), Remote Desktop Server (ORLPK-RDS01), View Client at the Main Pump Station (ORLPK-SV1), and View Client at Public Works (ORLPK – SV2). Migrate the existing SCADA application for compatibility with the latest software version.
2. Install all applicable SIMS (patches) on the above computers for the SCADA software.
3. Install the latest Win911 alarm notification software (2025 R2) on ORLPK-SC01 and migrate the existing application for compatibility with the latest software version.
4. Work with Village staff to configure the new SmartSights Mobile App for alarm notifications.
5. Install the latest Proficy Historian software on ORLPK-HIST01 and migrate the existing historical data to the new server.
6. Install all applicable SIMS (patches) for the Historian software.
7. Test with Village Staff to ensure server functionality. Document results using a Field Device checkout form and provide it to the Village for approval signature.

Network Diagram

1. Update the existing Microsoft Visio diagram to reflect the new server equipment.

Fee

Our fee for the above scope is a lump sum of \$104,500.

This proposal is valid for 90 days from the date issued.

Concentric Assumptions / Customer Responsibilities

1. Customer will assign an initial project manager at the project kickoff meeting.
2. Customer will provide site access for installation, programming, and startup during Customer's normal business hours. Work outside of Customer's normal business hours can be agreed upon as needed, provided Concentric can secure the site(s) upon departure.
3. Customer understands that all existing equipment to remain is assumed to be in good, working order. In the event that any other equipment does not perform as expected, Concentric will work with the Customer to repair, as needed, under a separate contract.
4. Customer will dispose of/recycle any removed equipment.





5. Customer understands that software/materials purchased outside Concentric may require regular support, and it will coordinate directly with the manufacturer to identify support costs for future budgeting purposes.

Annual Support

This project will add additional hardware and software to the Customer, some of which has support or maintenance associated with it. Concentric recommends the Customer maintain any applicable support agreements once the initial support/warranty periods expire. On this project, we have included the following support agreements, which all begin approximately at the date the product is shipped (not necessarily the date it is onsite) and last for one year (unless indicated otherwise below).

Following is the recommended support and estimated amounts for annual renewals (this is provided solely for budgetary purposes and will need to be quoted at the time of renewal):

Description	Annual Renewal
WIN-911 Subscription	\$600
iFix Software Support	\$4,600
DUO Multifactor Authentication	\$500
Total	\$5,700

Manufacturer standard warranty on all other hardware

Project Schedule

Concentric is available to begin work upon notice to proceed.

Warranty

The warranty listed in the Standard Terms and Conditions (Paragraph 12.2):

- ☒ DOES apply
☐ DOES NOT apply

Standard Terms and Conditions References

Effective Date: The Effective Date of this Proposal and the associated Standard Terms and Conditions shall be the date this Proposal is accepted as shown by Customer's dated signature below.





Third Party Materials (See Standard Terms and Conditions Paragraphs 3.2 & 8.3):

- ☒ DOES apply
☐ DOES NOT apply

Notices: Notices required to be provided to Customer in accordance with Paragraph 16.3 of the Standard Terms and Conditions shall be delivered to the individual and address given above, unless Customer provides updated notification information to Concentric in writing

Standard Terms and Conditions

Concentric Integration, LLC's Standard Terms and Conditions, Version 10.3 (V10.3), located at <http://goconcentric.com/standard-terms/> are hereby incorporated into this Project Proposal as though fully attached hereto. By signing below, each of the undersigned represents and warrants that Concentric Integration, LLC's Standard Terms & Conditions are legal, valid and binding obligations upon the parties for which they are the authorized representative.





Acceptance

If this proposal is acceptable, please sign one copy and return to us. Feel free to contact me if you have any questions.

Sincerely,

CONCENTRIC INTEGRATION, LLC

Randal R Olson, PE
Associate Vice President
RRO/ECM



CUSTOMER:
VILLAGE OF ORLAND PARK

ACCEPTED BY: _____

TITLE: _____

DATE: _____

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