



Advanced Intelligence Engineering

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We have prepared a quote for you

### Server Reconfiguration Project

Quote # JW001478 Version 2

Prepared for:

Wheaton Park District

Prepared by:

Jeremy Wills

Wednesday, May 15, 2019

Wheaton Park District  
Jonathan Butkus  
1777 S Blanchard St  
Wheaton, IL 60189  
Jonathan.Butkus@vision96.com

Dear Jonathan,

This proposal is to reconfigure the servers at the Wheaton Park District, in conjunction with work done earlier this year to improve the infrastructure at Arrowhead Golf Club, and work budgeted for this year to upgrade the servers with operating systems nearing end of life.

In an effort to reduce costs, AIE's engineering team recommends taking this opportunity to consolidate the servers across the park district. Currently, the majority of applications at WPD are running on dedicated servers. As technology has shifted, AIE's recommendation is currently to run consolidated application servers. Consolidating your application servers will allow us to reduce your server count by as many as eight servers, saving you more upwards \$10,000 in annual management fees, in addition to making future upgrades less costly and disruptive.

Additionally, we believe that this project will increase the security and performance of the servers, both by upgrading the operating systems to the latest version (WPD has several servers that are coming end of life in 2020), and also by reducing the load on the host hardware.

AIE strongly recommends moving forward with this consolidation project, and believes that it will improve WPD's systems architecture for the short-term, but also better position your network for future technologies moving forward.



Jeremy Wills  
President  
Advanced Intelligence Engineering



## Software & Licensing

Description	Price	Qty	Ext. Price
Microsoft Windows Server 2019 Standard - License - 2 Core - Microsoft Qualified, Volume, Local Government - Microsoft Open License for Government - English - PC	\$96.36	64	\$6,167.04
Microsoft Windows Server 2019 - License - 1 User CAL - Volume, Local Government - Microsoft Open License for Government - English - PC	\$26.62	195	\$5,190.90
Microsoft Windows Remote Desktop Services 2019 - License - 1 User CAL - Volume - Microsoft Open License Program - Single Language - PC	\$130.26	10	\$1,302.60
Subtotal			<b>\$12,660.54</b>

## Upgrade Domain Controller

### Domain Controller

Build Windows 2019 domain controller and transfer FSMO roles. Correct DHCP entry for DNS.

### Reconfigure GPO and Login Scripts

Reconfigure and update login scripts and GPO. Point users at new shared drives, printers, and home drives.

Upgrade Domain Controller Subtotal: **\$5,940.00**

## Application Server Build

### Application Server

Build application server, install all features and functions.

Application Server Build Subtotal: **\$1,080.00**

## MainTrac Retirement

### Retire Maintrac

Remove from domain, strip functions and delete from datastore.

MainTrac Retirement Subtotal: **\$360.00**

## Paylocity Migration

### ■ Migrate Paylocity

Migrate Paylocity to application server.

### ■ Point devices at APP Server

Point Paylocity devices from pointing at Paylocity, to point at the APP server.

### ■ Retire Paylocity

Remove from domain, strip functions and delete from datastore.

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Paylocity Migration Subtotal: **\$2,340.00**

## Autodesk Migration

### ■ Migrate AutoDesk Licensing

Migrate AutoDesk licensing to application server.

### ■ Retire WPD-AC-01

Remove from domain, strip functions and delete from datastore.

### ■ Migrate Autodesk users

Migrate Autodesk users to the new server.

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Autodesk Migration Subtotal: **\$1,080.00**

## Springbrook Migration

### ■ Migrate Springbrook

Install Springbrook database and application onto the application server, backup and restore data.

### ■ Correct end user connections

Point Springbrook users at new correct server.

### ■ Retire WPDAPP04 & WPDDB01

Remove from domain, strip functions and delete from datastore.

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Springbrook Migration Subtotal: **\$3,060.00**

## File & Print Server Migration

### Build File Server

Build Windows 2019 Server, set as file server.

### Move File Shares

Move file shares from WPDFP03 to WPDFIL01, correct GPO scripts for all users.

### Move Print Server

Move print server over.

### Build File Server 2

Build Windows 2019 Server, set as file server.

### Setup DFS and Load Balancing

Setup DFS and load balancing.

### Move User Shares

Move User shares from WPDFP04 to WPDFIL01, correct AD profile mapping for user directories.

### Build Redundant File Share

Build Windows 2019 Server, set up DFS for mapped drive deployment.

### Retire WPDFP03 & WPDFP04

Retire WPDFP03 & WPDFP04.

File & Print Server Migration Subtotal: **\$10,080.00**

## Past Perfect Migration

### Migrate Past Perfect

Migrate Past Perfect software to the WPDAPP01. Backup all data, install application, restore data.

### Retire WPD-TS-APPS

Remove from domain, strip functions and delete from datastore.

Past Perfect Migration Subtotal: **\$1,800.00**

## Load Balancing & Performance Adjustments

### Setup APP & TS Load balancing

Setup APP & TS load balancing for servers.

### Distro Switch configs

Configure distro switching and VLAN's for server and management network, apply servers into correct port group.

Load Balancing & Performance Adjustments Subtotal: **\$1,980.00**

## Optional RecTrac Migration

### Migrate WPDVSI

Migrate WPDVSI to WPDAPP01, Install Rectrac.

### Repoint All Users

Repoint all users to Rectrac.

### Install Windows 2019

Install Windows 2019, setup for web services.

### Migrate WPDWEBTRAC

Migrate WPDWEBTRAC and services to WPDWEB01.

### Reconfigure Firewall Access

Put WPDWEB01 into DMZ, set internal access rules.

### Migrate DB

Migrate DB into WPDAPP01.

### Retire WPDVSI and WPDWEBTRAC

Retire WPDVSI and WPDWEBTRAC.

\*Optional RecTrac Migration Optional Subtotal: **\$8,190.00**

## Monthly Services Adjustments (post project)

This project changes your network infrastructure, and will result in changes to your ongoing IT services billing, under the existing Managed Services Provider Agreement. Your monthly IT services following the project are outlined below

Description	Recurring	Qty	Ext. Recurring
<b>AIE Managed IT Services</b>			
Managed Server(s)	\$125.00	-8	(\$1,000.00)
	Recurring Subtotal		<b>(\$1,000.00)</b>

### Payment Terms

In order to initiate the work, AIE requires a signed copy of the agreement along with 100% down payment on all hardware and licensing and 50% down payment on all labor. The balance of the labor, along with any additional surcharges or tax, will be billed Net20 upon completion of the work.

## Server Reconfiguration Project



**Prepared by:**  
**Advanced Intelligence Engineering**  
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**Wheaton Park District**  
 1777 S Blanchard St  
 Wheaton, IL 60189  
 Jonathan Butkus  
 (224) 345-2633  
 Jonathan.Butkus@vision96.com

**Quote Information:**  
**Quote #: JW001478**  
 Version: 2  
 Delivery Date: 05/15/2019  
 Expiration Date: 07/31/2019

## Assumptions

- Client staff will be available in a timely manner for questions and testing of changes.
- Client will provide all necessary software discs, serial numbers, and passwords for any software needing to be reinstalled.
- Springbrook is available to assist with the migration.
- AutoDesk is available to assist with the new license, including a new MAC address and computer name.
- VSI is available to assist with the RecTrac migration.
- INETWEB server has been moved to AGC for Caterease and the internal site on it is no longer in use.
- Load Balancing is done on the distributed switch.
- The work will be completed Monday-Friday / 7:30am-5:30pm, unless otherwise designated by AIE.

Should any of these assumptions prove to be incorrect, additional labor will be billed at AIE's project rates of \$180/hr, with after hours work billed at 1.5x project rates.

## Quote Summary

Description	Amount
Software & Licensing	\$12,660.54
Upgrade Domain Controller	\$5,940.00
Application Server Build	\$1,080.00
MainTrac Retirement	\$360.00
Paylocity Migration	\$2,340.00
Autodesk Migration	\$1,080.00
Springbrook Migration	\$3,060.00
File & Print Server Migration	\$10,080.00
Past Perfect Migration	\$1,800.00
Load Balancing & Performance Adjustments	\$1,980.00
<b>Total:</b>	<b>\$40,380.54</b>

## Recurring Expenses Summary

Description	Amount
Monthly Services Adjustments (post project)	(\$1,000.00)
<b>Recurring Total:</b>	<b>(\$1,000.00)</b>




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### \*Optional Expenses

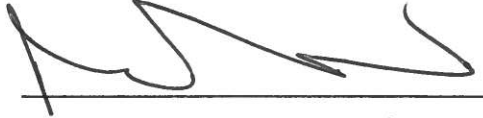
Description	One-Time
Optional RecTrac Migration	\$8,190.00
Optional Subtotal:	\$8,190.00

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

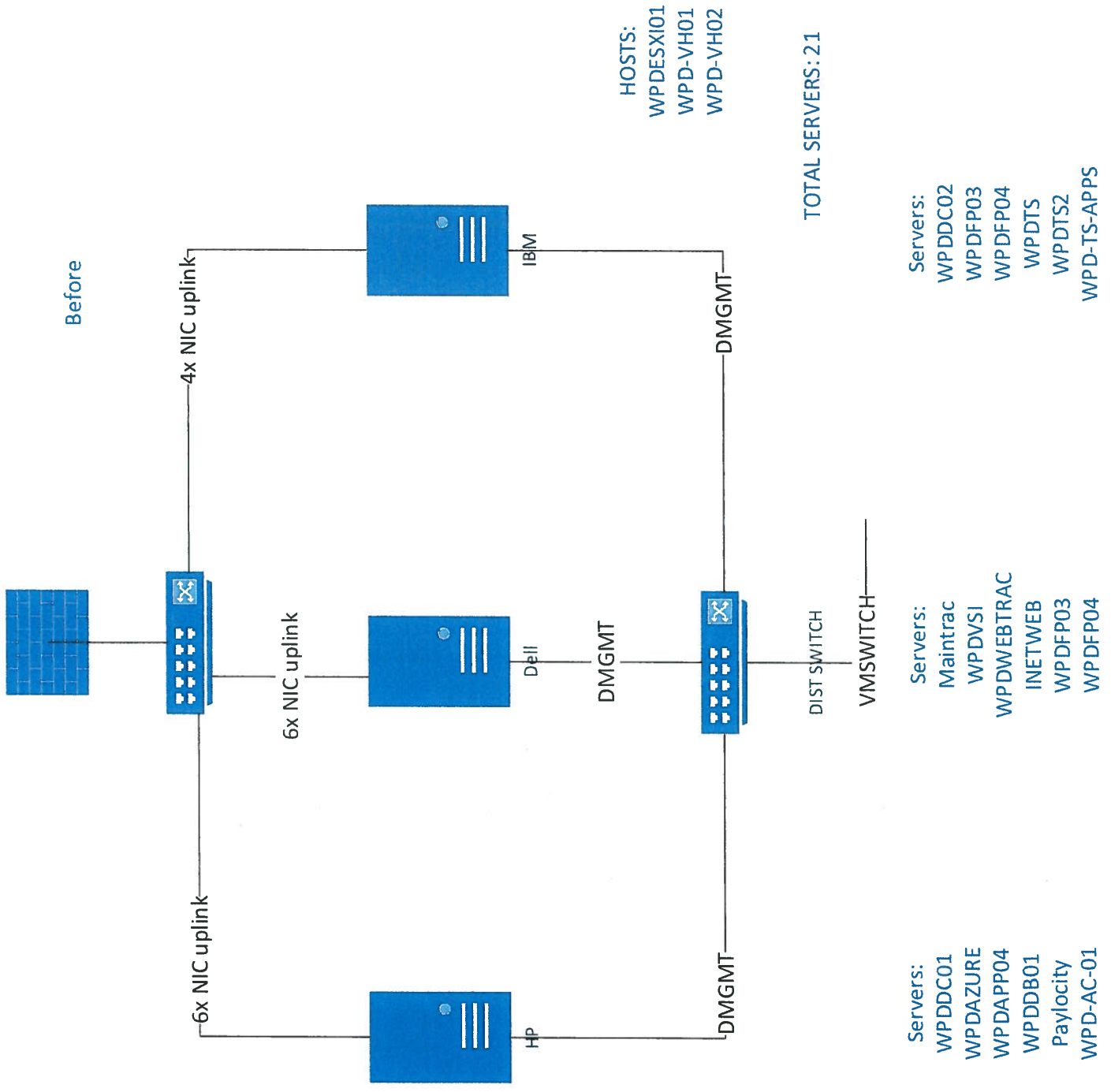
### Advanced Intelligence Engineering

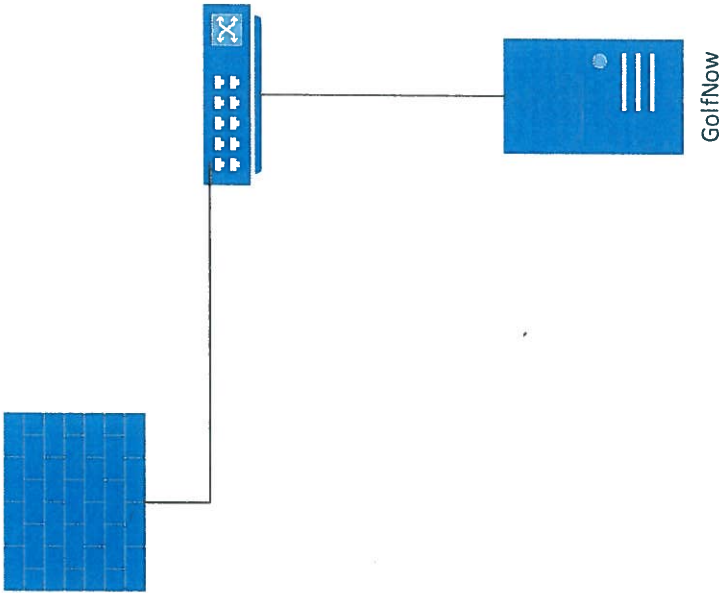
Signature:   
Name: Jeremy Wills  
Title: President  
Date: \_\_\_\_\_

### Wheaton Park District

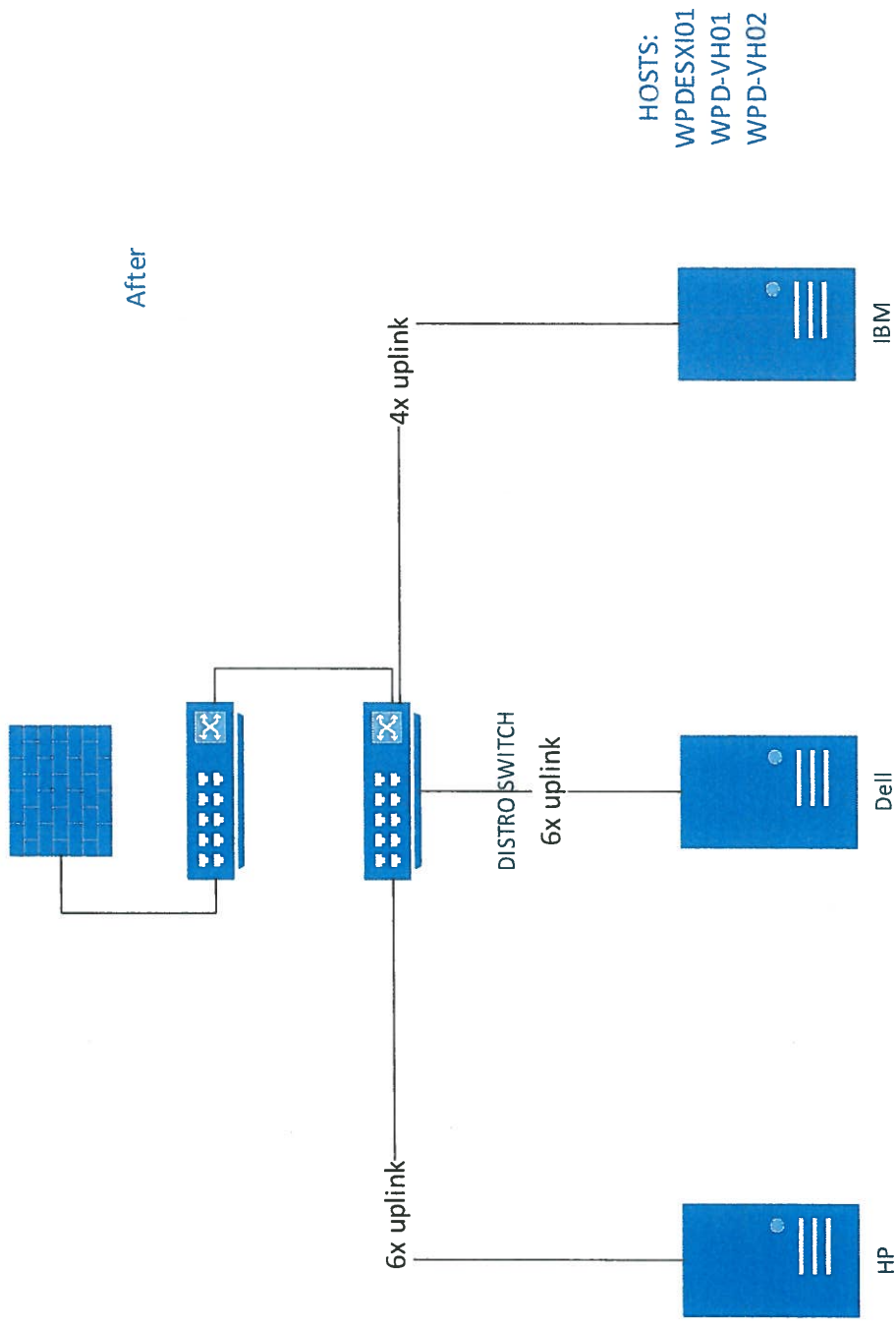
Signature:   
Name: ~~Jonathan Butkus~~ Michael Benard  
Title: ~~Technology Services (Vision96)~~ Executive Director  
Date: 6/19/19

Before





After



TOTAL SERVERS: 13

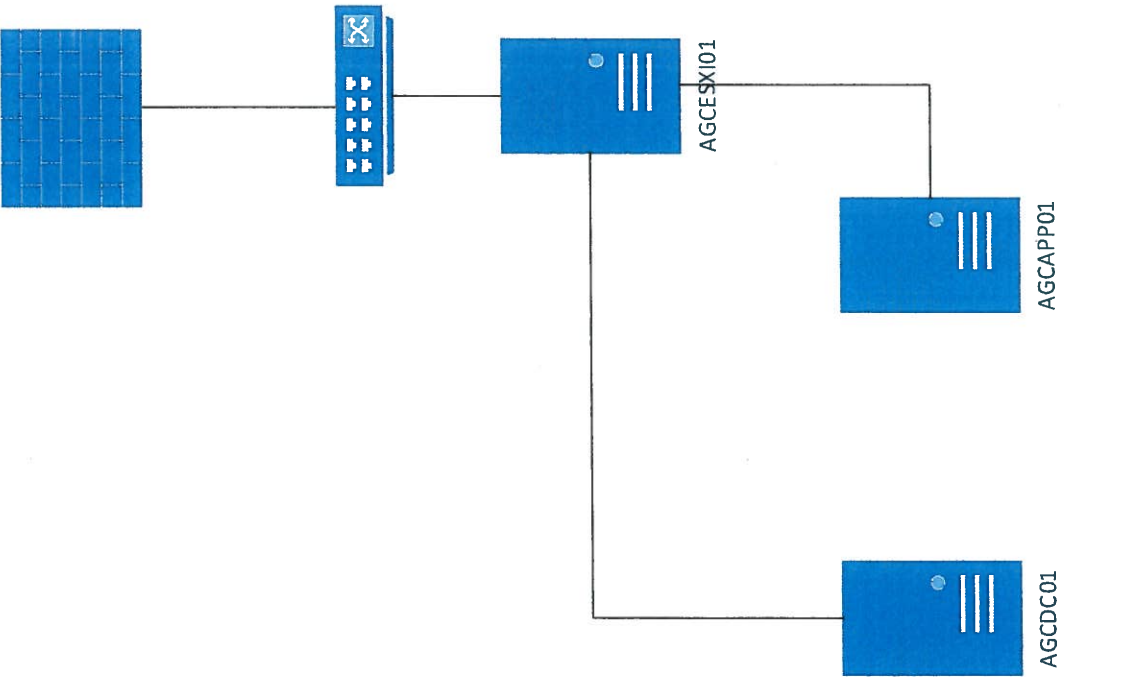
Servers:

- WPDDC01
- WPDDC02
- WPDAZURE
- WPDFS01
- WPDFS02
- WPDTS01
- WPDAPP01

Possible Servers:

- WPDWEB01





HOST:  
AGCESX101

Servers  
AGCDC01  
AGCAPP01