

City of Waukesha IT Technical Assessment

Vendor Use

General overview from vendor of the application topology and what the application does:

The following questions are designed to help determine the appropriate infrastructure costs in conjunction with system type/criticality information.

Company Name: US Digital Designs

Project Title: Fire Station Alerting System

Application Architecture

What is the Application Architecture (if known)? The options are as follows:

Client / Server Client Web Based Other: **Client-server for CAD interface; web-based for administration.**

*Web-Based is preferred

Where is the Application Architecture installed? The options are as follows:

On-Premises Hosted Other:

If the Application Architecture is hosted, what model is used?

Infrastructure as a Service Software as a Service Platform as a Service

N/A Other:

If the Application Architecture is hosted, and the City stops using the solution, is there a charge to get our data back

Yes No

If the Application Architecture is hosted, what certifications do they hold?

SAS 70 SSAE 16 FedRAMP Other:



Web Application Requirements

N/A: This is a Client/Server Solution

What Web Browsers are supported?

Internet Explorer Chrome Firefox Browser Agnostic Other:

* Browser agnostic preferred

What Browser version is supported?

Internet Explorer: >10 Chrome: >53 Firefox: >39

What Web service is used: IIS - Version Other – Version **Apache 2.2.10**

*IIS Preferred

What third party software needed?

- A Java add-on is on the client, version #
- Active X add-on on the client
- .NET Framework, version
- Digital certificates (IE based app. or ASP)
- Adobe
- Add-ins for existing applications (IE MS Office, etc.)
- Other
- Not Applicable (none needed)

*None Needed is preferred.

NOTE: Various Javascript libraries are used and are loaded from the Communications Gateway (local server appliance).

Server Requirements

N/A: This is a Hosted Solution

Specify the type of server the main component of the application will be installed on?

MS Server What Version? What Service Pack?

LINUX - What version? **Slackware customer distribution based on kernel version 3.10.0**

*MS Server is the standard

What database will be used?

MS SQL What version? What SP?

Oracle What version?

Other **PostgreSQL** What version? **9.6**

N/A

*MS SQL is the standard

Is database fully vendor supported?

N/A No Yes Notes: **System runs periodic maintenance – no external effort needed to administer the database.**

*Vendor supported is preferred

Does the vendor require the application and Database to reside on same hardware?

No Yes Notes:

If no, can the application and Database reside together for the test system?

No Yes Notes:

Are virtual servers supported?

No Yes Notes:

*Virtual Servers are the standard

If yes, which Hypervisors?

Hyper-V Notes: VMware Notes:

Will any of the following servers be needed?

Test QA Train Not Applicable Other Notes:

*Test environments are the standard *QA environments are preferred



Client Requirements

N/A: Web-Based solution

Is the application able to run in a Citrix/Remote Desktop/VDI environment?

No Yes Notes:

Is Citrix/RDS/VDI fully vendor supported?

No Yes Notes:

*Citrix is the standard.

What client operating system will be used?

Windows 7 - What SP?

Windows 10 - What SP?

Other: What SP?

*The most current Windows OS is the standard.

What third party software needed?

A Java add-on is on the client, version #

Active X add-on on the client

.NET Framework, version

Digital certificates (IE based app. or ASP)

Adobe

Add-ins for existing applications (IE MS Office, etc.)

Other

Not Applicable



User Account Control

Does the application require users to login?

No Yes Notes:

Does the application integrate with Active Directory for authentication?

No Yes Notes:

*Active Directory is the standard for on-premises applications.

Does the application integrate with Active Directory for user account creation?

No Yes Notes:

Does the application integrate with Active Directory Federation Services?

No Yes Notes:

*ADFS is the standard for hosted solutions.

Additional Application Info

Can adequate system backup & recovery procedures be implemented? This includes the ability to test the restore processes on a “regular” basis.

Yes No

The system is provided as a hot-standby system with two redundant servers each with 2 RAID 1 disks. The active server replicates to the standby server. Site redundancy can be provided by adding a second server pair and nightly replication is used to synchronize the primary and DR pair. No external backup and restore capability is provided.

If the system requires transmission of information to a remote party, can it be adequately protected? (This would include encryption for data transmission, and at rest.)

Yes No

Data transmission between the Communications Gateways occurs over connections using TLS 1.0. Data on disks is not encrypted. If the customer chooses to use the optional FSA Mobile alerting app, data transmission to the App Server uses TLS.



What will be the frequency of updates (i.e. dot (.) or SP)? Varies

What will be the frequency of upgrades (i.e. major releases)? Varies

Is the application licensed per user? No Yes Notes:

If yes, are they concurrent licenses? No Yes Notes:

Is access to the Internet required for this application? Yes No

If yes, please describe what access is needed and how it will be used:

NOTE: If the customer wishes to use the optional FSA Mobile alerting application then SSL access to the Internet will be required.

