

## City of Waukesha IT Technical Assessment

### Requesting Department Use

Fiscal Year: 2020    Requester: Kevin Pelzman    Title: Sr. System Engineer    Dept: IT

#### Project Overview and Goals:

VMware NSX will provide us the ability to control traffic between servers and only allow the bare essentials to function. This product will also provide visibility of servers talking to each other that should not be. We can currently prevent traffic from our computer network to the server network, but not from server to server. This poses a large security risk as an attacker can many servers just by breaching one. This is product will also provide resolution to some NIST and PCI requirements that we are currently not meeting.

#### Proposed Project / Technology

Check one:    ☐ Replacement    ☐ New    ☒ Add to Existing    ☐ Upgrade    ☐ Other:

**Will any of the following need to be purchased: PCs, Handheld devices, Laptops, printers, scanners, etc.**

☐ N/A    ☐ Yes    ☒ No

If yes, please explain:



# Vendor Use

This section is to be filled out by the vendor.

**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.**

# Not Applicable

**This is an addition to an existing system and the typical vendor questions do not apply to this project.**



# IT Department Use

The section is to be filled out by the IT department.



### City IT Department Use

**For standard systems:**

In order to appropriately answer the “commensurate” or “adequate” nature of a particular response, the information in the Technical Assessment Pre-Screen should be considered.

Does the system meet City of Waukesha’s technical standards? If not, we cannot ensure the system’s availability, nor can we insure the integrity of the information stored in the system.

☐ Yes ☐ No If NO, please explain:

Is the expected combination of local and vendor support sufficient? This affects availability and integrity. It is important to recognize that vendor size & stability affect the answer to this question, in addition to their contracts, procedures, etc.

☐ Yes ☐ No If NO, please explain:

If the Vendor requires remote access for system support, can it be adequately secured? This might involve one-time passwords, VPN connections, encrypted access, etc. If the vendor requires constant “root” level access, will not allow passwords to be changed regularly, requires “always-on” modem access, etc. the answer is “NO”.

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Does the system provide adequate toolsets for User Identification, Authentication and Access Control? Generally, minimum requirements include a Unique User I.D. for each system user, a password associated with each User I.D., and password complexity allowing a minimum of eight mixed-case alpha and numeric characters (the ability to handle more characters and special characters is preferred). NOTE: If the application is MS Active Directory-aware, it meets our minimum criteria.

☐ Yes ☐ No

**STOP!!** If you answered “No” to any of the above, your project does not meet technical standards. Please consult the IT Director for further guidance.



