

**CITY OF FRANKLIN
TECHNOLOGY COMMISSION MEETING MINUTES
JUNE 26, 2019**

- I. The June 26, 2019 Technology Commission Meeting was called to order at 6:04 p.m. in the Hearing Room of Franklin City Hall.

IT Director Jim Matelski took roll call; a quorum was present. Members present were Alderman Mayer, Webler, Meier, and Kaur. Members Strowig, Galusha, Brandt, and Farney were excused. Members Meade and Surana were absent. Also in attendance was IT Director Jim Matelski.

As both the Chair and Vice Chair were not in attendance, the first order of business was nomination of a temporary chair for this meeting. Motion made by Alderman Mayer and seconded by Member Kaur to nominate Member Webler to act as temporary chair. Upon vote, Ayes-All, motion carried.

- II. Citizen Comment Period – No citizens were present.

- III. Review and approval of the March 27, 2019 Meeting Minutes.

Motion made by Member Kaur and seconded by Alderman Mayer to approve the March 27, 2019 meeting minutes as submitted. Upon vote, Ayes-All, motion carried.

- IV. Review and Technical Input of the Phase I Design of the City Website

IT Director Jim Matelski presented this item to the Commission members. Discussion was held. No action was taken.

- V. Technical Issues Review

- Milwaukee County Tellus System (product name of the CAD-to-CAD integration platform) is scheduled to have the Phoenix API available for implementation by the middle of September. The new platform will allow for CAD information to be shared at a County level, allowing individual municipalities (PSAPs) to be able to request resources from neighboring areas. Phoenix needs to write a custom API that will need to be installed on all RMS/CAD systems within the region. The County has a project completion date estimated for mid December, in order to adequately test the system prior to the DNC convention in 2020.
- Bitdefender Gravityzone has been fully rolled out onto all servers and computers as the local Advanced Threat Management (ATM) platform for all Franklin computers. The project completion will fulfill the PD CGIS requirement of an IPS being present on the network to record all potential intrusion points. The combination of the Palo Alto firewall's Wildfire services and the Gravityzone ATM on each endpoint will meet the CGIS requirement of an IDP.
- Windows 2008 is scheduled for product retirement by end of year 2019. SQL 2008 is being scheduled for Microsoft product retirement by July 2019. Additional hard drive space has been installed on the 3PAR SANs (8TB per site) to accommodate growth and installation of new servers and applications. A plan is actively being implemented to upgrade all Windows 2008/2012 to Windows 2016 under the existing Microsoft Data Center licensing model. SQL servers will be installed and databases will be slowly migrated over to the new servers.
 - A cost analysis was recently performed on going from Exchange 2010 to 2016 as an on-premise core application. 3 year costs of licensing is lower for on-premise email; however, Exchange

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hosted email is estimated to be an annual \$13,200 cost (\$23,100 the first year). The total cost to upgrade all on-premise licenses would be \$23,211 (\$36,411 first year cost).

- Over 3 years the total cost for on-premise Exchange is \$36,411, while cloud hosted is \$49,500. Cloud hosted also has a major concern about sufficient upload bandwidth at each site. Cloud Exchange has the major advantage of disaster recoverability, in that very little data is kept on site. This will be discussed in detail with 2020 capital and operational outlay planning.

VI. Director's Report on IT Operations

IT Director Jim Matelski informed the Commission members on the following:

- A new OCR central software application has been purchased from James Imaging system, DRIVVE, which will allow for direct OCR translation of any document scanned from a Toshiba copier. The goal is to have the OCR enabled documents be the default scan option on all copiers. Instead of using hardware based OCR on each and every copier, a virtual machine will be provisioned that will centralize the OCR scanning process on any copier and "watch folder." The DRIVVE OCR server will allow for moving department workflows and documents published on the web servers to be fully searchable and indexed by web providers (such as Google).
- HBS has fully implemented DNSSEC on all external DNS zones. The security enhancement makes it extremely difficult to impersonate a DNS provider and lowers the possible of man-in-the-middle DNS attacks. Currently Franklin is the only municipality in all of Milwaukee County actively using both a .GOV domain name with DNSSEC fully enabled. This is a significant hardening of external security.
- The panic alarm systems at City Hall have been fully integrated into the PD's IndigoVision system for both video surveillance and alarm reporting. A controller was installed at City Hall that allows PD Dispatch to be able to graphically see on screen whenever a panic alarm has been activated. In the future it is planned that cameras could provide live footage of a panic alarm condition, and immediately display this footage directly to PD Dispatch.
- All firewalls at City Hall and PD have been updated to allow for SSL certificate proxies. Using Microsoft Enterprise certificates, the firewall has the ability to proxy SSL encrypted traffic, which enables the firewall to identify the application layer traffic and perform deep packet inspection of the data payloads. NGFW capabilities have been extended to both SSL as well as non-encrypted traffic.

VII. Future Agenda Items.

- Strategic Technology Plan
- Information Security Plan
- BS&A – Water Utility Billing Software & Payment Portal Review
- Capital Budget Items

VIII. Next Meeting Date: Wednesday, July 24, 2019.

IX. Adjournment

Motion made Alderman Mayer and seconded by Member Kaur to adjourn the June 26, 2019 Technology Commission Meeting at approximately 7:27 p.m. Upon vote, Ayes-All, motion carried.