

**COUNTY OF MILWAUKEE  
Inter-Office Communication**

**Date:** August 17, 2018

**To:** Supervisor James "Luigi" Schmitt, Chair, Committee on Finance and Audit

**From:** Jennifer L. Folliard, Director of Audits

**Subject:** Combined Status Report - Audits of Cybersecurity and Controls over Physical Access to Data Centers (File Nos. 16-352, 17-78)

In June 2016, we provided an overview of the informational report "Audit of Cybersecurity" (File No. 16-352) to the Committee on Finance and Audit. Due to the confidential nature of the findings and recommendations in the report, our overview was presented in closed session. The work underlying the report was conducted by Experis Finance, Risk Advisory Services (Experis) under a contract with our office.

In January 2017, we presented a separate, informational report, "Cybersecurity Audit: Controls over Physical Access to the County Data Centers" (File No. 17-78) conducted by the Audit Services Division. This report was also discussed in closed session.

Both audit reports set forth a series of recommendations focused on improving internal controls relating to data security at Milwaukee County. A status report describing the Information Management Systems Division's progress toward implementation of the Experis recommendations was presented in closed session at the Committee's meeting in December 2016 (File No. 16-699). Subsequent, combined status reports were provided in closed session to the Committee at its meetings in September 2017 and March 2018.

Due to the detailed and sensitive nature of the individual recommendations, this current status report notes the general progress made toward implementation of the combination of recommendations from both audit reports.

Following is a summary of the progress toward implementation on recommendations reported by IMSD as of August 2018:

<b>Summary: Status of Implementation of Audit Recommendations</b>			
<b>Report</b>	<b>Type of Recommendation</b>	<b>Status</b>	
		<b>Open</b>	<b>Complete</b>
Experis	General (longer term infrastructure)	2	1
Experis	Internal Network Vulnerabilities	5	15
Experis	External Network Vulnerabilities	0	17
Audit Services	Data Center Access Controls	6	4
<b>Total</b>		<b>13</b>	<b>37</b>

Based on feedback from IMSD management, efforts are continuing to resolve all open items.

Because of the confidential nature of the information associated with the recommendations, we request that our overview be presented in closed session.

August 17, 2018

James "Luigi" Schmitt, Chair, Committee on Finance and Audit

Page 2

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This status report is informational and due to the remaining efforts required to fully implement the open recommendations, we plan to provide the next combined status report for the March 2019 committee cycle.



Jennifer L. Folliard

JLF/PAG/cah

cc: Scott B. Manske, CPA, Milwaukee County Comptroller  
Finance & Audit Committee Members  
Chris Abele, Milwaukee County Executive  
Teig Whaley-Smith, Director, Department of Administrative Services  
Laurie Panella, Chief Information Officer, DAS - Information Management Systems  
Division  
Kelly Bablitch, Chief of Staff, County Board Staff  
Steve Cady, Research & Policy Director, Office of the Comptroller  
Janelle Jensen, Legislative Services Division Manager, County Clerk's Office