




## MEMORANDUM

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Date: June 8, 2023

To: Honorable Mayor and Commissioners

Via: Albert P. Childress   
City Manager

From: David Monroe  
Information Technology Director

Subject: **Datacenter Core Switch Replacement**

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### **Introduction**

Refresh existing Cisco chassis switch in City Hall Data Center with newer Cisco equipment.

### **Background**

The current Cisco 4510 chassis switch has reached its End-Of-Life and support. The switch will not be supported after October 2023 and a suitable replacement needs to be purchased. This equipment is the backbone of the city-wide network and is part of the critical infrastructure connecting to the computing, storage, and security functions of the Data Center.

The planned replacement equipment will provide:

- Improved network security
- Advance network packet visibility
- Larger bandwidth density
- Simplified management
- Advanced security features
- Reduced heat load
- 24x7x365 support same day replacement.
- Greater fiber capacity for future data center expansion.

### **Procurement**

ARPA infrastructure funds in the amount of \$118,451.64 will be used for this purchase if approved. The purchasing mechanism for the equipment will be Florida NASPO ValuePoint NVP #AR3227 (43220000-NASPO-19-ACS) and is in the best interest of the City pursuant to section 2-797(4)(b) of the Code of Ordinances.

### **Recommendation**

The City Manager's Office recommends the Mayor and Commission approve the resolution authorizing the City Manager to execute documents and authorize the purchase of the Cisco Data Center equipment.