THE CITY OF JACKSON

MISSISSIPPI

DEPARTMENT OF INFORMATION TECHNOLOGY

Prepared by the Mayor's Summer Youth Employment Program

Gaps Identified…

- Network/Connectivity

- Cybersecurity Threats

- IT Governance/Compliance

- Billing/Invoice Verification

- Audits

- Change Management

Departmental Focus FY24-25

- New Website

- Workforce Development

- Connectivity Citywide

- Enhance Cybersecurity Measures

Departmental Focus FY24-25

- Digital Transformation & Automations

- Strengthen IT Governance and Compliance

- Innovation and Emerging Technologies

- Improve Project Management and Delivery

- Update Job Titles/Salaries/Descriptions

Departmental Needs:

Network Redesign

Network Equipment Updates

Network Infrastructure
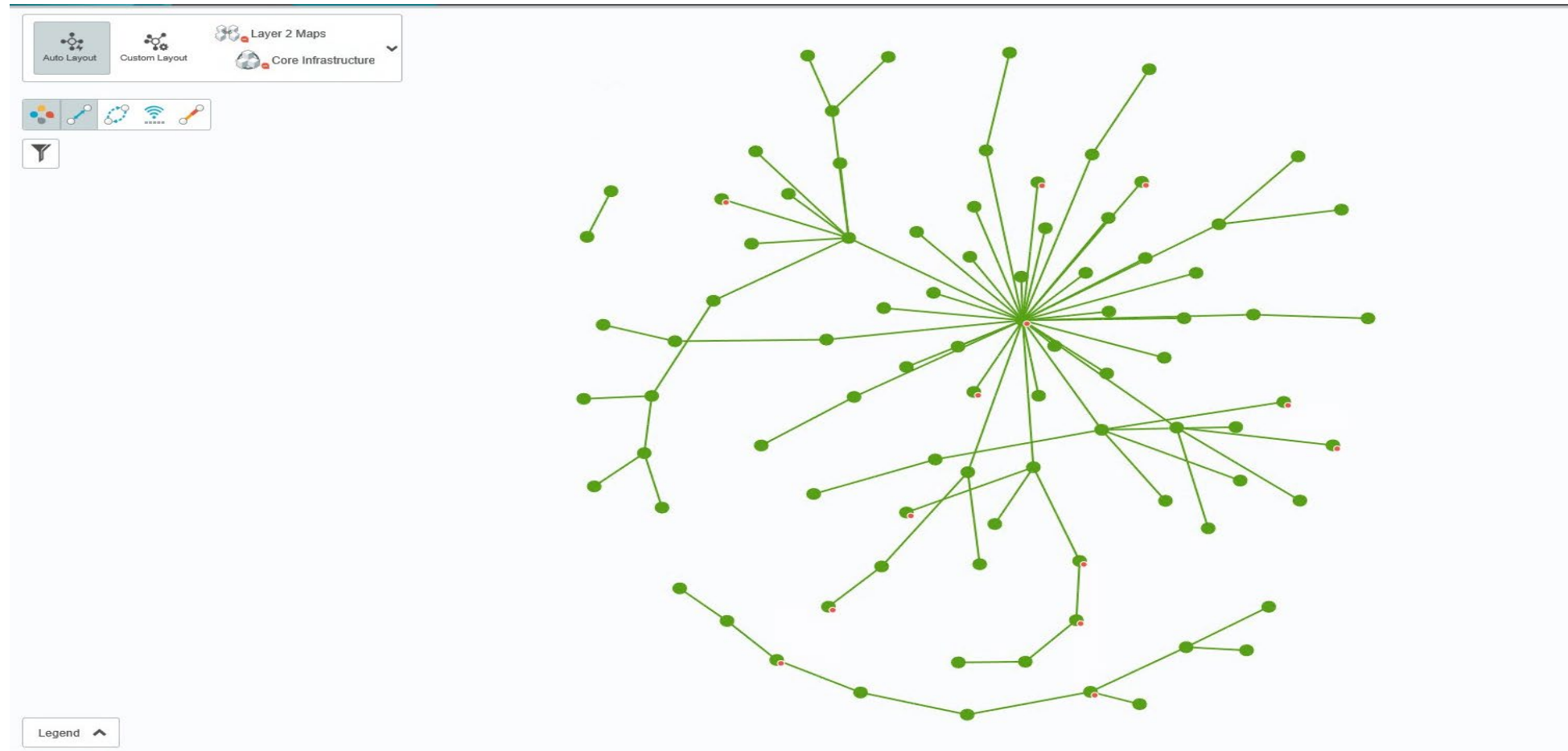
Monitoring & Management
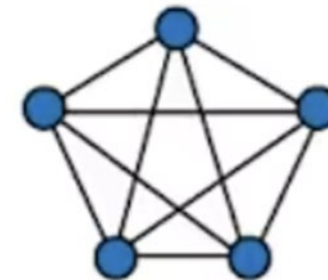
Wi-Fi Improvements

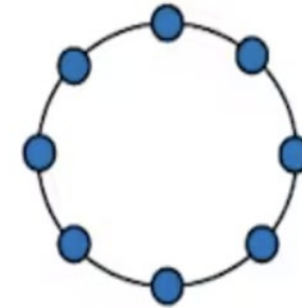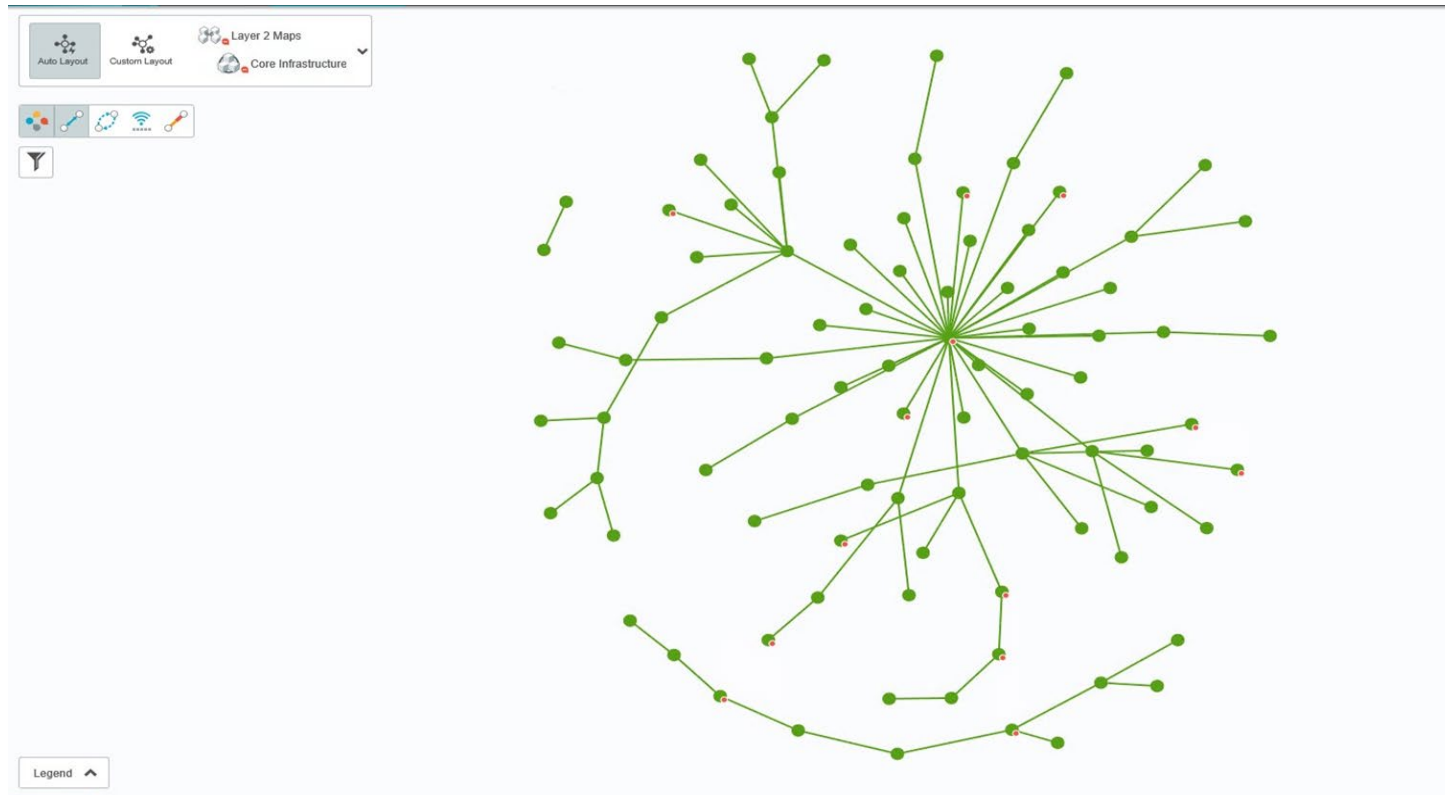Rethink Connectivity
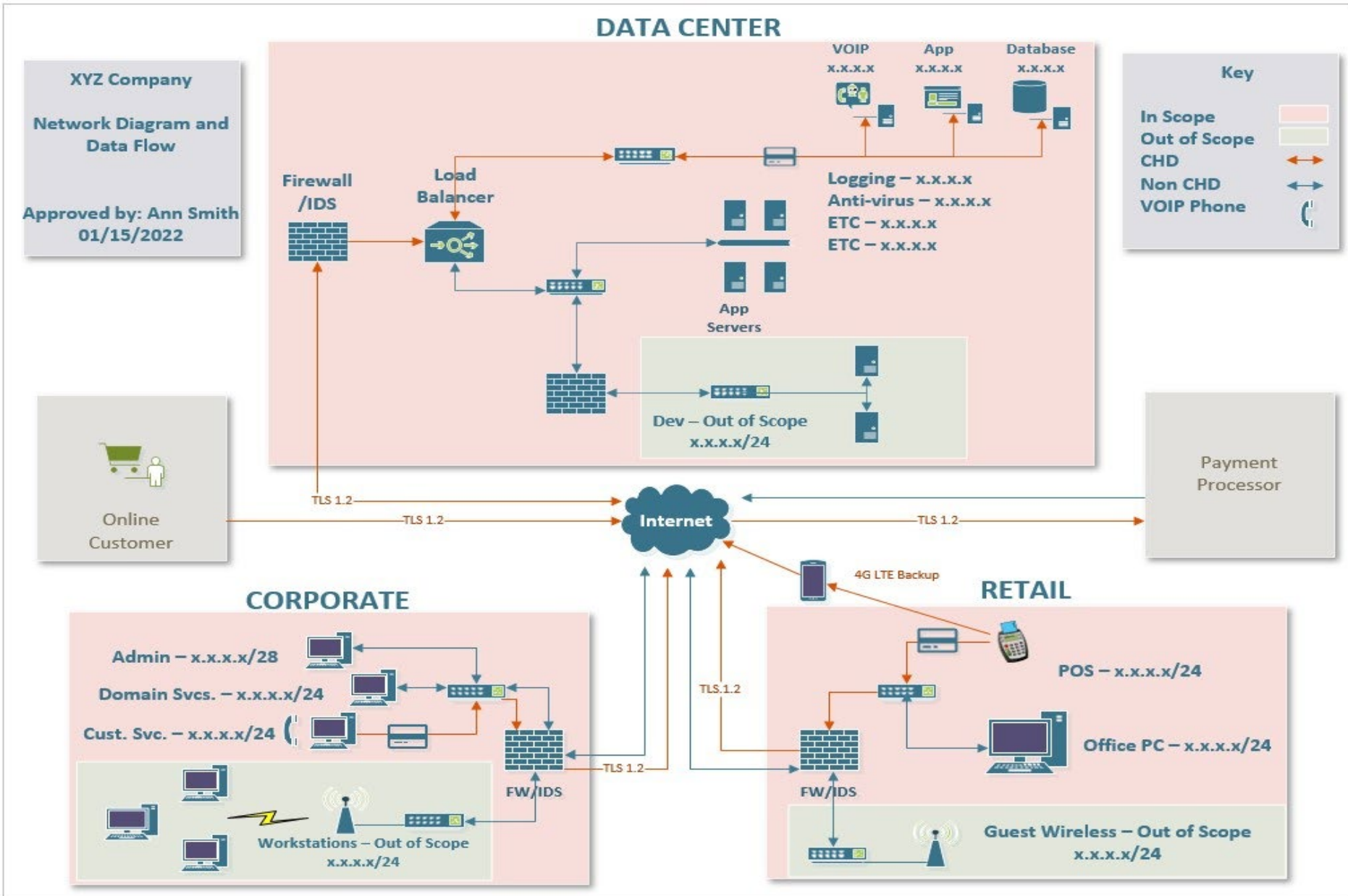
Salary Increases

New Job Titles & Descriptions

Redundancy

Current State: Network

Future State: Network

DATA CENTER

VOIP x.x.x.x
App x.x.x.x
Database x.x.x.x

Key

In Scope
Out of Scope
CHD
Non CHD
VOIP Phone

Firewall /IDS

Load Balancer

Logging – x.x.x.x
Anti-virus – x.x.x.x
ETC – x.x.x.x
ETC – x.x.x.x

App Servers

Dev – Out of Scope x.x.x.x/24

Online Customer

TLS 1.2
TLS 1.2

Internet

Payment Processor

TLS 1.2

4G LTE Backup

RETAIL

CORPORATE

Admin – x.x.x.x/28

Domain Svcs. – x.x.x.x/24

Cust. Svc. – x.x.x.x/24

POS – x.x.x.x/24

TLS.1.2

Office PC – x.x.x.x/24

FW/IDS

TLS 1.2

FW/IDS

Workstations – Out of Scope x.x.x.x/24

Guest Wireless – Out of Scope x.x.x.x/24

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Presented By: Dr. M. Reid, Director
8/2024

Technology is Best When It Brings People Together – Mark Mullenweg