



# Offsite Data Center Consolidation Project

## Board of Supervisors IT Committee Meeting

Wanda Gibson, Chief Technology Officer

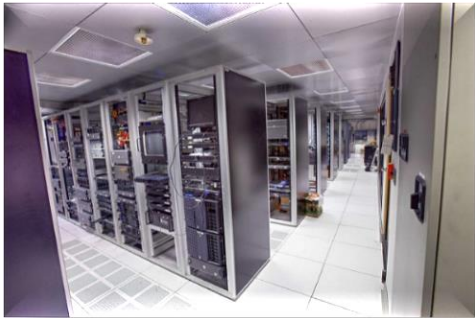
George Coulter, Deputy Director, Department of Information Technology

October 9, 2018

## TECHNOLOGY OPERATIONS EFFICIENCY AND OPPORTUNITY &amp; “TAKE THE COUNTY INTO THE FUTURE”

**Use of the 1<sup>st</sup> Floor of the Government Center for the Data Center is neither optimal nor cost-effective**

## Why?



- **Current on premise operation in office building space features high maintenance costs including the environmental and utilities requirements such as power and cooling**
- **Continued high risk for service interruptions: more frequent experience with unstable power service with significant capital costs for replacement power back-up systems**
- **80's building does not have physical security & safety features required to properly safeguard IT assets**

## TECHNOLOGY OPERATIONS EFFICIENCY AND OPPORTUNITY &amp; “TAKE THE COUNTY INTO THE FUTURE”

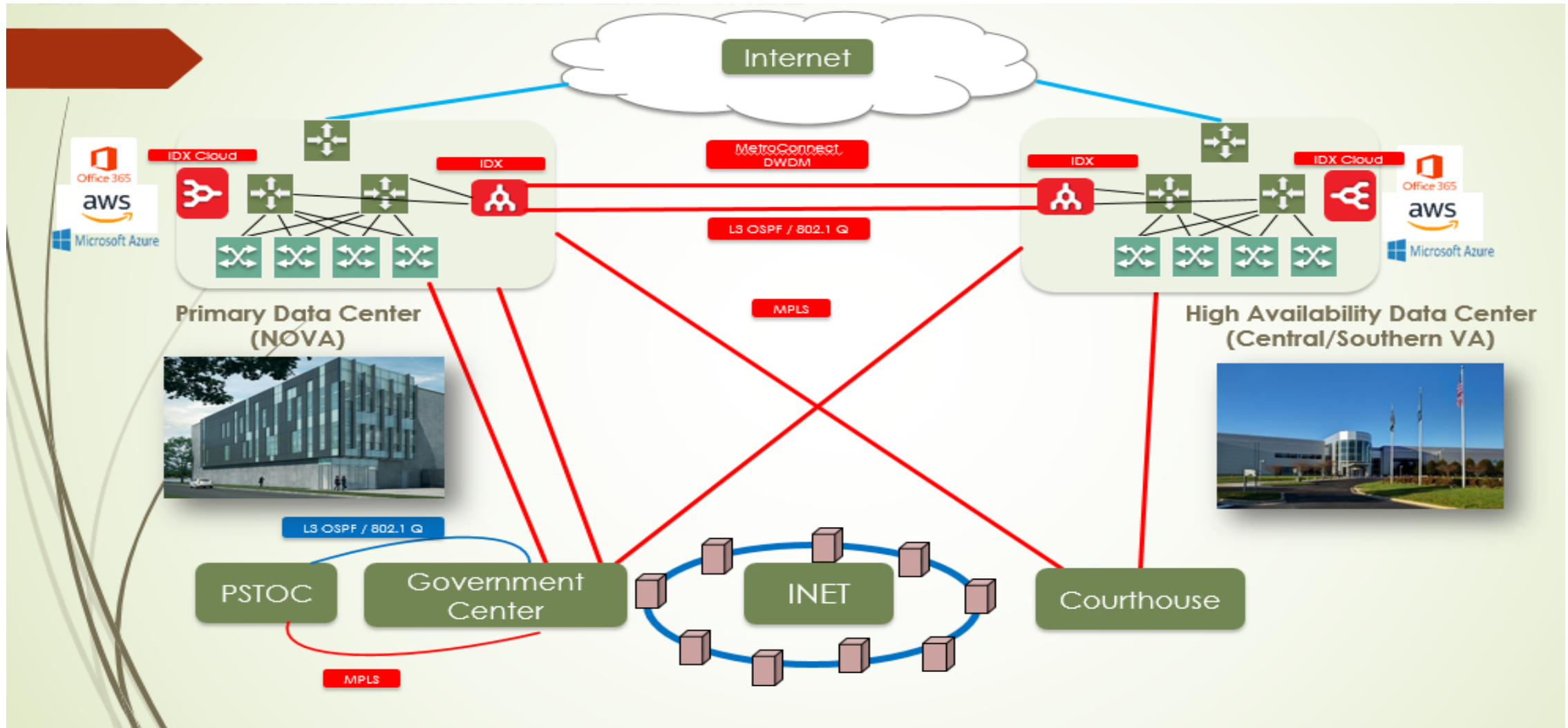
## OPPORTUNITIES

- **Timing is right for County to move forward because co-location market costs have decreased**
- **Additional 2,000 sq. ft. first right of refusal (for future expansion)**
- **Schools has requested a portion of the space (six cabinets)**
- **Frees up significant space for the County**

## BENEFITS

- **Commercial data center host facilities have at least Tier-3 rating for industry standard security and utilities - featuring redundant and dual-powered servers, storage, and diverse network links powered with multiple, active, and independent sources of power and cooling resources**
- **Includes back-up center outside this area**
- **Cost neutral on a recurring basis**

# High-Level Network Architecture





## Government Center Data Center Photos



