



# The Network as the Platform for 21st Century Government



# Agenda



Business Challenges



The Network as the Platform  
for Government Operations



Solutions for Government



The Network as a Platform  
Is a Strategic Investment



Next Steps



# Top Challenges Facing Government

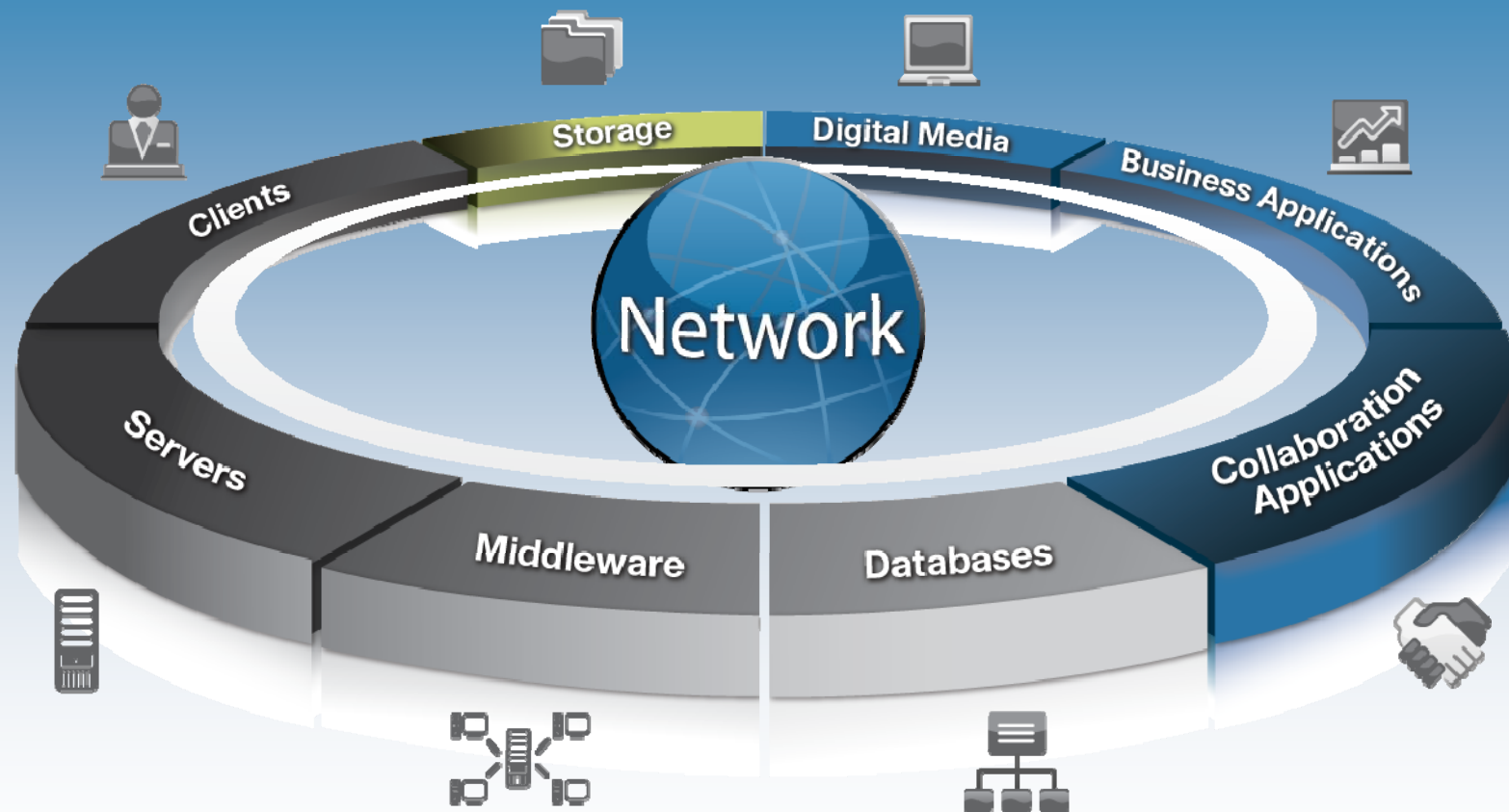
- ▶ Manage economic uncertainty and budget constraints
- ▶ Enhance collaboration and communications
- ▶ Improve effectiveness of limited resources
- ▶ Keep government up and running all the time
- ▶ Overcome staffing challenges
- ▶ Meet evolving citizen expectations



# The Network as the Platform for Government Operations



# 21st Century Government Relies on the Network



# The Network as a Service-Delivery Platform



Enable the network as a platform for business transformation



Network becomes a keystone in delivering service-based architecture



The network can consolidate capabilities and improve service delivery



Promote standardization



Provide investment protection through a scalable platform



# Solutions for Government



# Cisco Mobile Government Solutions

## Increase Flexibility and Access



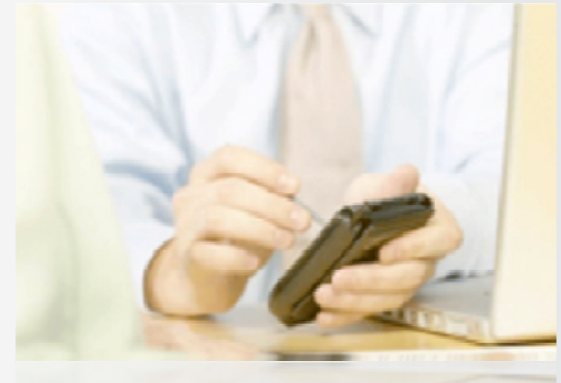
### Features

- Indoor and outdoor wireless capabilities
- Access to vital information, applications, and other resources
- Comprehensive security
- Compatible with variety of mobile devices



### Benefits

- Give employees access to resources from anywhere
- Boost productivity
- Provide staff state-of-the-art tools



*“Citywide Wi-Fi extend[s] automated processes to all employees, whether they work behind a desk, in a patrol car, or on a maintenance crew.”*

City of Lebanon, Oregon



# Cisco Remote Worker (Teleworker) Solutions Enable Work Away from the Office



## Features

- Full office capabilities from anywhere
- Premium voice services and video communications
- On-demand conferencing and collaboration



## Benefits

- Ensure continuity of operations and resilience
- Enable employees to work from home
- Maintain communications with employees
- Reduce operational expenses



*Teleworking saves energy, improves job satisfaction and retention, boosts productivity, and supports government employee policies such as promoting a positive workplace.*

# Cisco Unified Communications Improves Efficiency



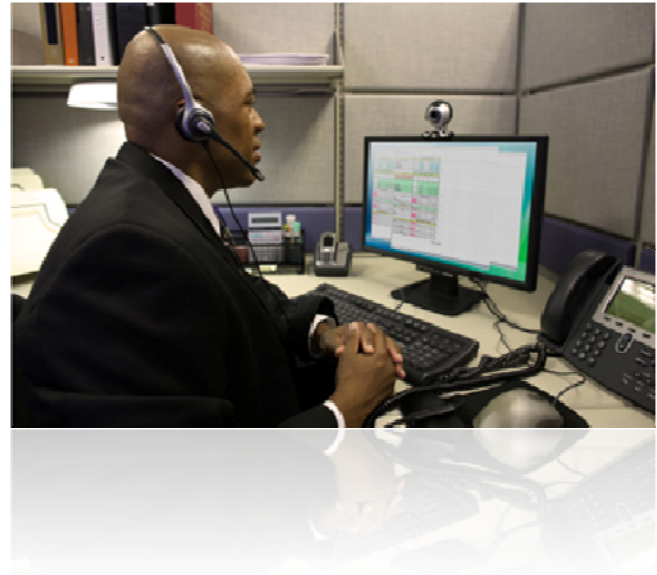
## Features

- IP phones for all staff
- Single IP network
- Collaboration tools
- Real-time subject matter experts



## Benefits

- Enhance communications, security, and productivity
- Improve operations and citizen satisfaction
- Reduce costs
- Reach the right people at the right time



*“The unique feature of the VCSU installation is the inclusion of students. This offers significant potential to advance the university goals of teaching, learning, and research.”*

Joe Tykwinski, Chief Information Officer, VCSU

# Cisco Resilient Government Keeps You Up and Running



## Features

- Network resilience for secure, authorized connectivity
- Application resilience including recovery and remote replication
- Communication resilience makes mobility, telecommuting, and distributed systems feasible
- Workforce resilience to allow employees to work from anywhere



## Benefits

- Deliver services regardless of the situation
- Enhance security
- Ensure services availability
- Build public trust



*ConnectND is North Dakota's implementation of financials, human resources, and student administration applications across State Government and the University System*

# State of Oregon

## Challenge

- Numerous, disparate systems that were not integrated, expensive to maintain, and inflexible in supporting new services

## Solution

- Design a system to enhance communications among 120 agencies, boards, and bureaus
- Migrate 11 separate data centers into single communications system without disruption
- Maintain secure, robust environment that delivers a higher level of services today and in the future

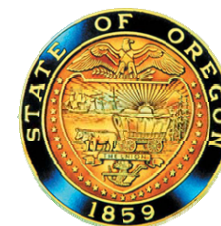
## Benefits

- Achieved more than 30% savings in power consumption toward “green” and cost containment goals
- Gave 45,000 state employees greater access to critical information and tools in a secure environment
- Shared, secure communications infrastructure capable of supporting today's needs while being scalable to support more uses and applications in the future



“We’re seeing major benefits. 1<sup>st</sup>, cost containment, which is critical when you’re dealing with other peoples’ money – the taxpayers. 2<sup>nd</sup>, security, which has become more and more important. And 3<sup>rd</sup>, operational efficiencies. This project not only saves money, but makes more forward-looking projects possible.”

—Representative Chuck Riley ,  
Chair of the Government  
Accountability and Information  
Technology in the Oregon House  
of Representatives



# The Network as a Platform Is a Strategic Investment



# Cisco Integrated Networks: The “Do More with Less” Approach

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## Software

- Service consistency and efficiency
- Rapid deployment and adaptation

## Hardware

- Service integration and acceleration
- Absolute availability, security, and flexibility

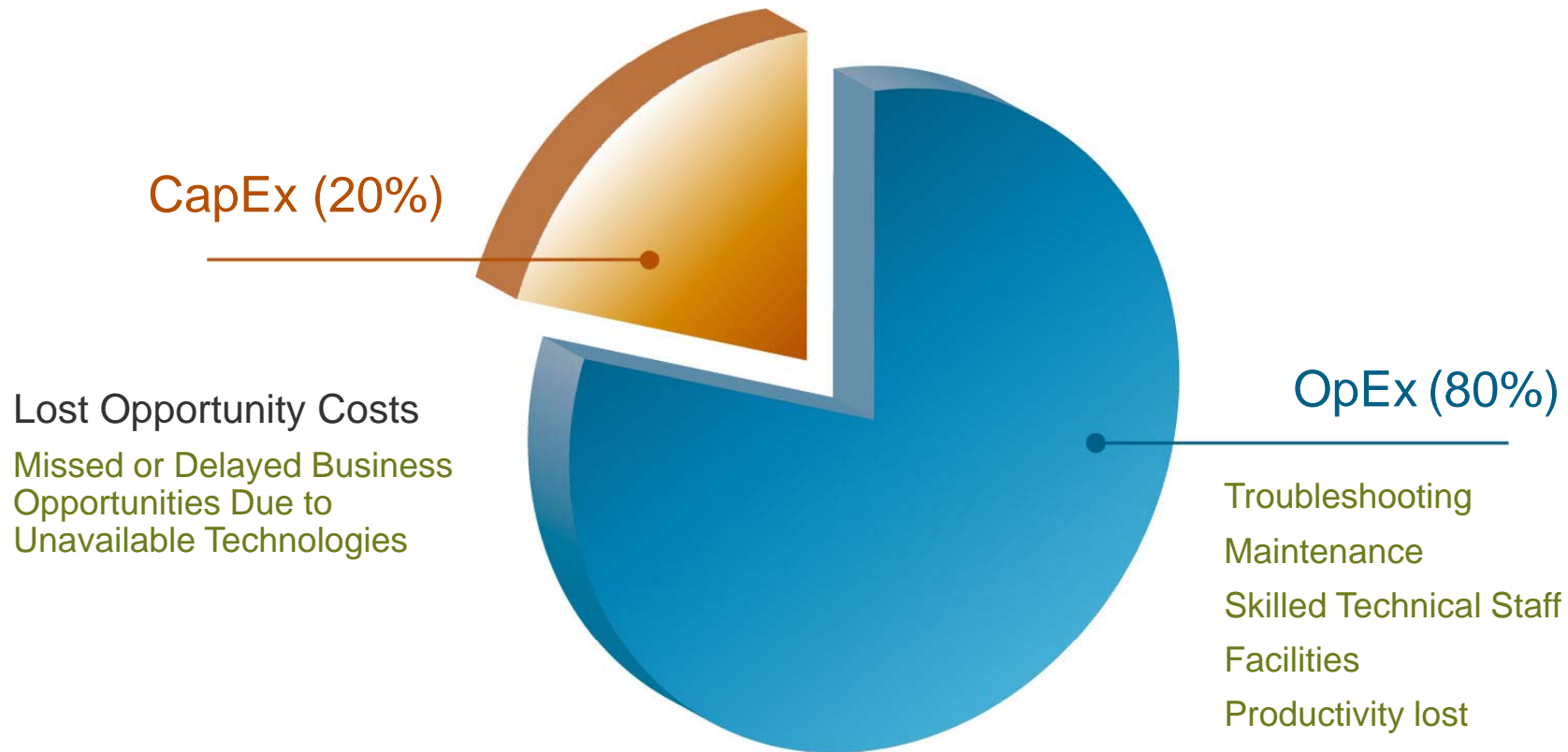
## Cisco Integrated Networks

- Reduces costs, complexity
- Improves continuity of government services
- Increases efficiency
- Enhances security
- Accelerates deployment
- Delivers anytime, anywhere services



# Total Cost of Ownership (TCO)

Network Costs = 20% Purchase, 80% Operations



- CapEx is one element of the total cost of a system
- OpEx and opportunity costs outweigh CapEx

# Cisco EnergyWise: Converges IT and Facility Networks



## The Network Is the Platform

- Operational efficiency
- Foundation for sustainable growth
- Secure and scalable platform for new service
- Optimized energy usage
- Power savings of up to 50%

# Benefits of the Network as a Platform



Manage economic uncertainty and budget constraints



Enhance collaboration and communications



Improve effectiveness of limited resources



Keep government up and running all the time



Overcome staffing challenges



Meet evolving citizen expectations

# Next Steps



# Next Steps

- Consider Cisco Executive Briefing Center Visit

Executive education for high level decision makers

Day and a half visit to Cisco Systems, San Jose CA

21<sup>st</sup> Century Government insight from industry leaders & experts

Value in previous briefings – North Dakota University System

Custom agenda to fit your priorities

- Learn more:

[www.cisco.com/web/strategy/government/index.html](http://www.cisco.com/web/strategy/government/index.html)

