Go-Kit - Thinking Outside the Box

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Secretary of State

Who We Are

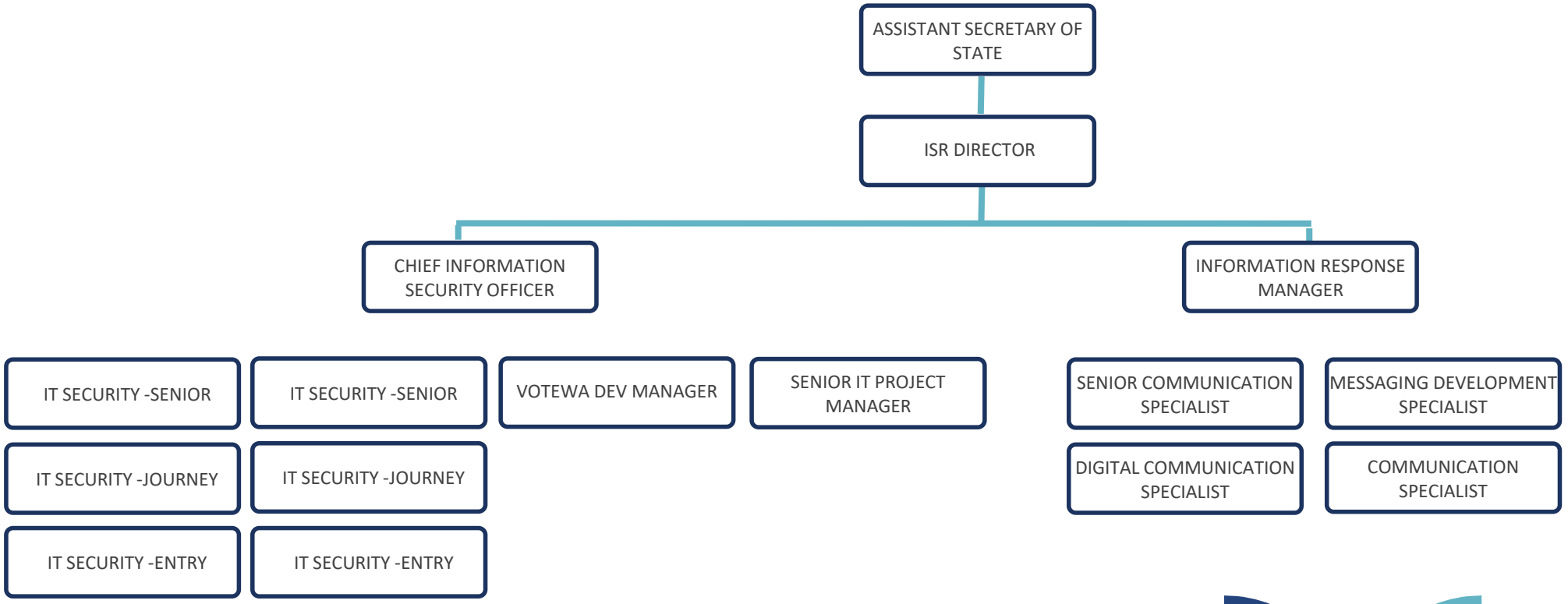
Kevin McMahan
Assistant Secretary of State

- Oversees Elections, ISR, and Civic Engagement Program
- MA Homeland Security; MA in Public Administration
- Combination of industry/military experience totaling 30 years

Sam Anderson
Chief Information Security Officer

- Technical oversight of security of information systems and five critical systems
- Multiple certifications and industry technical training
- Combination of industry/military experience totaling 20 years

Information Security & Response



Background

- Compromise of county October 2023 – three weeks before election
- Need for a solution to quickly restore critical functions while operating in a degraded and/or contested environment
- Ensure solution allows for internet speeds to conduct business as needed for success
- The contingency solutions must ensure long term support/feasibility for the hardware

The Solution

Government Operations & Key Infrastructure Toolkit (Go-Kit)

You gotta have an acronym

Go-Kit Equipment

Netgate 4200 pfSense Firewall

Required

Unmanaged Switch

Optional

Physical Cables

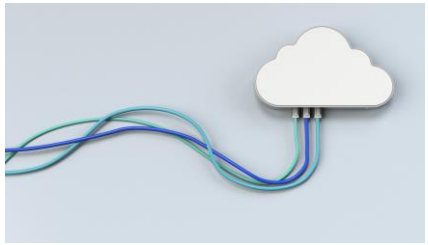
Required

Uncompromised laptop/desktop

Required

Outgoing Internet Connection

Required



Normal Operations

Microsoft 365

Gmail

County Network

Internet

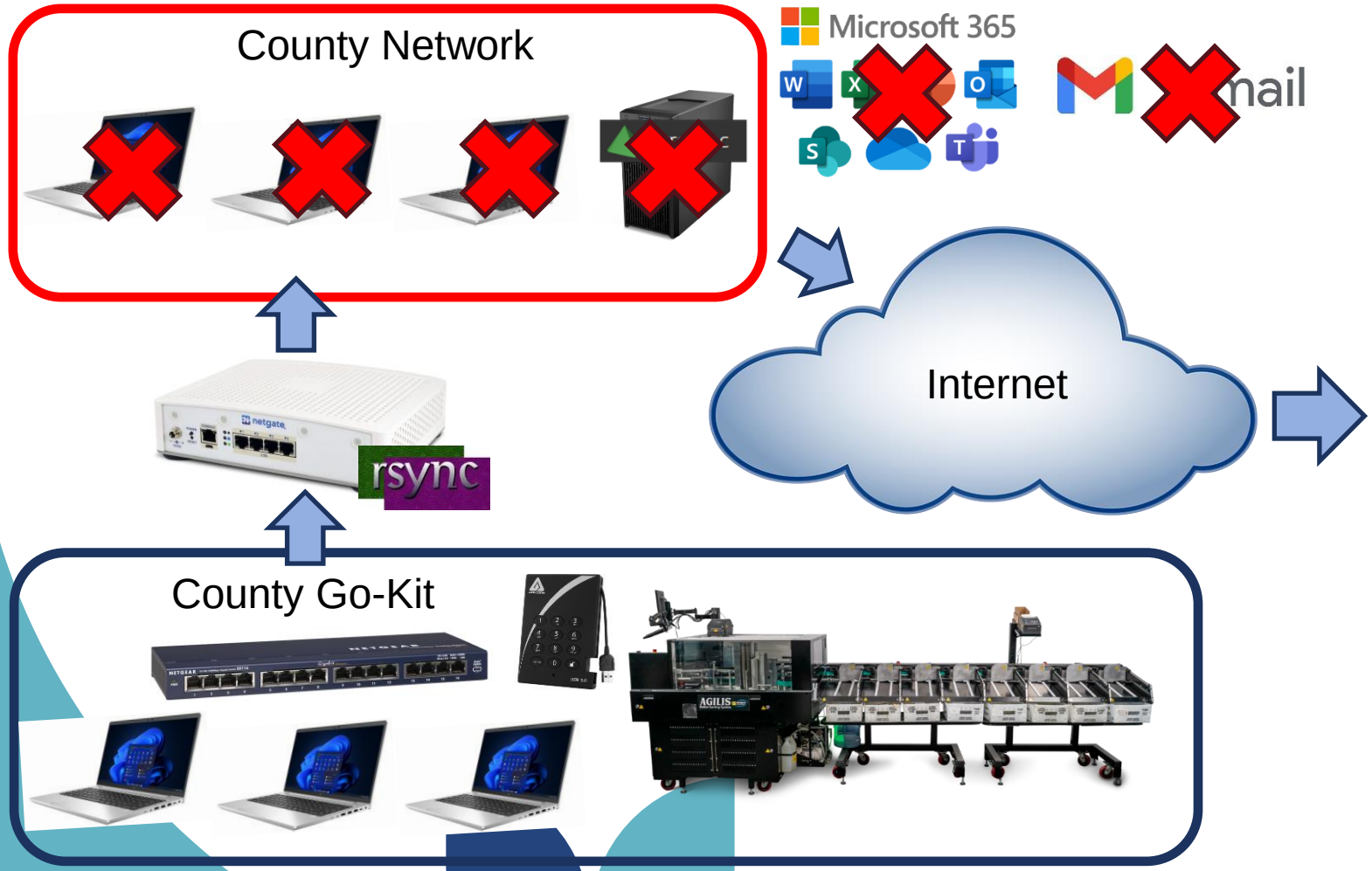
WASHINGTON
Secretary of State

VoteWA

ADFS

Microsoft Azure

Contested Environment



Thank you