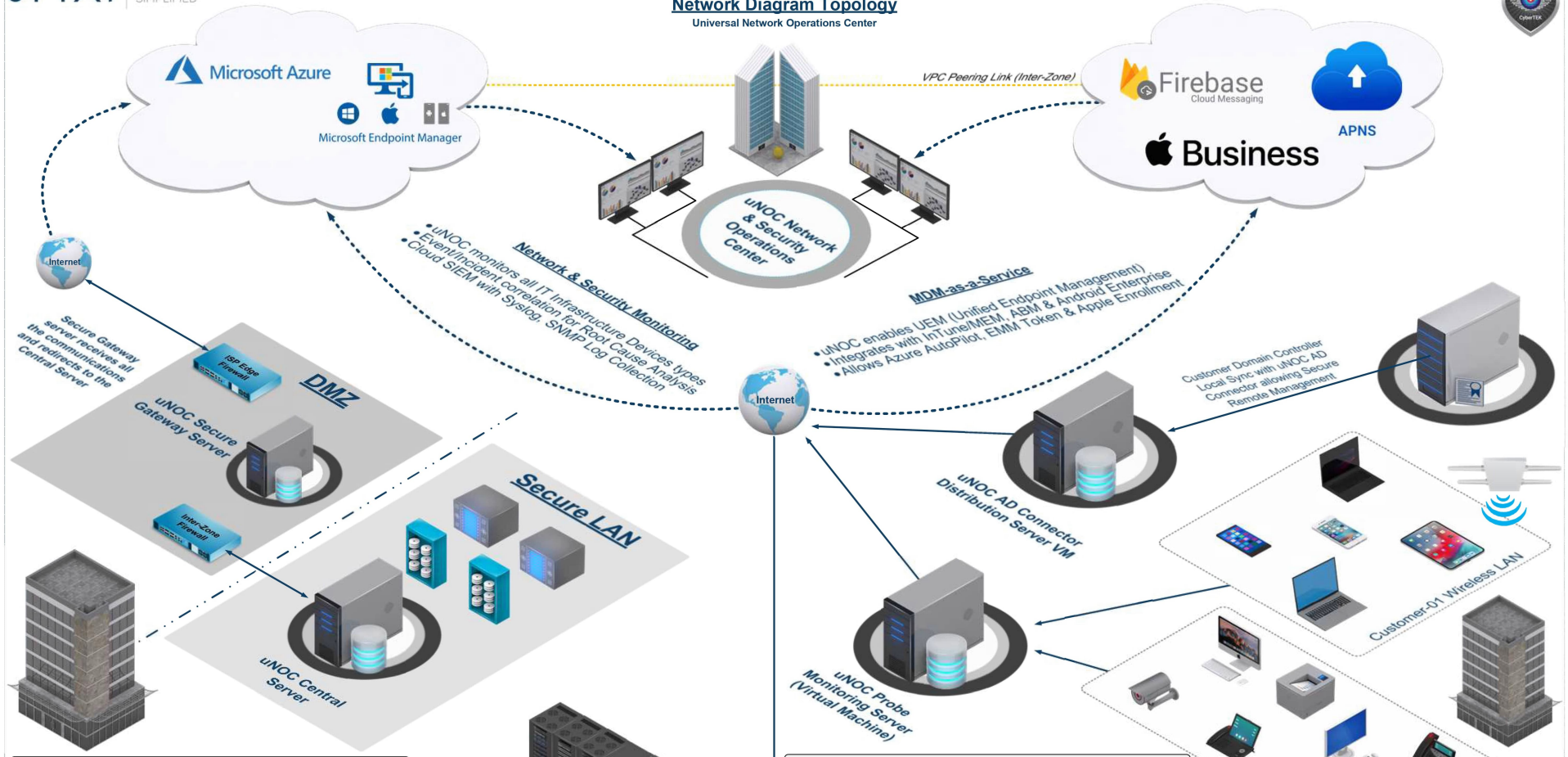
JMXi TECHNOLOGY SOLUTIONS SIMPLIFIED

JMXi "uNOC" MSP Global Architecture

Network Diagram Topology

Universal Network Operations Center



Central-Probe Monitoring

- Probes consist of Distribution Server(s) syncing telemetry data from multiple sites
- Probes send/receive data to/from Central NOC Cloud Server via secure protocols
- Probes collect data for correlation of events/logs to automate Root Cause Analysis
- Security Hardening enforcement is applied to all Distribution Servers Globally
- Only uNOC Secure Gateway Server is Open Internet Public facing via DMZ
- Only Secure HTTPS Port TCP 6363 used between DMZ + LAN uNOC Servers
- Central uNOC Server is protected via this design + Multi-Layer DMZ Firewalls
- No Data is stored locally in DMZ as SGS acts in Forward Proxy Deployment
- Only minimally required Ports/Protocols allowed To/From DMZ and/or LAN

uNOC Colo Data Center

Design Parameters

- Flash Storage used for optimal performance between DMZ/LAN uNOC Servers
- Workstation/Server Agents enable secure remote access for troubleshooting
- Agents installed on Endpoints are polled locally to minimize bandwidth consumption
- Agents contact the Distribution Servers to pull down Patches & Config Updates
- Agents can be installed on Cloud/On-Prem Servers, Workstations, Mobile Devices
- Agent platform compatibility includes Windows, Linux, MacOS/iOS/iPadOS, Android
- Zero Touch Provisioning of Agents allows efficient MDM-as-a-Service onboarding
- All IT Infrastructure Device Interfaces/Ports monitored without licensing limitations
- IPSLA Monitors for WAN, VoIP, Video Traffic provide RTT, MOS, Jitter, Packet Loss
- Custom Alarms available for Cloud, Virtual Infrastructure, SAN, Wireless & more

Customer-01 HQ Office

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