

Palo Alto Networks and Cradlepoint

Secure SD-WAN

Benefits of the Integration

- Fast deployment of distributed networks with enterprise-class connectivity and security.
- Leading software-defined wireless edge solution designed for branch, mobile, and IoT networks.
- Advanced threat prevention, web filtering, DNS security, DLP, and next-generation firewall as a service with Prisma Access.

The Challenge

During times of crisis, ensuring operational continuity is essential.

Emergency pop-up networks need to be rapidly deployed across multiple locations. Corporations and schools need to migrate entire workforces and student bodies to virtual work-from-home environments, and brick-and-mortar businesses need to transform their business models so they can deliver services virtually. In these scenarios, predictable wireless wide area networks (WAN) and security are table stakes. Today's networks struggle to keep up with surges in demand during volatile and unpredictable situations.

Cradlepoint

The Cradlepoint NetCloud® Service enables enterprises to rapidly deploy and manage wireless WAN edge solutions at scale. NetCloud Service is delivered through cloud-managed LTE and 5G endpoints managed from a single pane of glass, delivering insights and analytics, alerts and monitoring, troubleshooting, over-the-air software updates, and flexible integration with external applications and services.

Palo Alto Networks

Prisma™ Access by Palo Alto Networks is a secure access service edge (SASE) that helps organizations embrace cloud and mobility by providing networking and network security services from the cloud. With more and more users, branch offices, data, and services located outside the protection of traditional network security appliances, organizations need a cloud-based infrastructure that converges networking and network security capabilities. Prisma Access provides consistent security services and access to cloud applications (including public cloud, private cloud, and software as a service), delivered through a common framework for a seamless user experience. All users, whether at corporate headquarters, branch offices, or on the road, connect to Prisma

Access to safely use cloud and data center applications as well as the internet. Prisma Access consistently inspects all traffic across all ports and provides bidirectional networking to enable branch-to-branch as well as branch-to-HQ traffic. Prisma Access is delivered as a cloud service from more than 100 locations in 76 countries for users and branch offices to connect, enabling connectivity and security for mobile users, branch offices, and retail locations.

Palo Alto Networks and Cradlepoint

Cradlepoint and Palo Alto Networks have joined forces to address this challenge by combining best-in-class cloud-managed wireless WAN connectivity and powerful SASE. This enables rapid deployment for critical applications such as pop-up healthcare clinics, enabling teleworkers and students to remain productive and extending branch offices to drive business continuity without compromise.

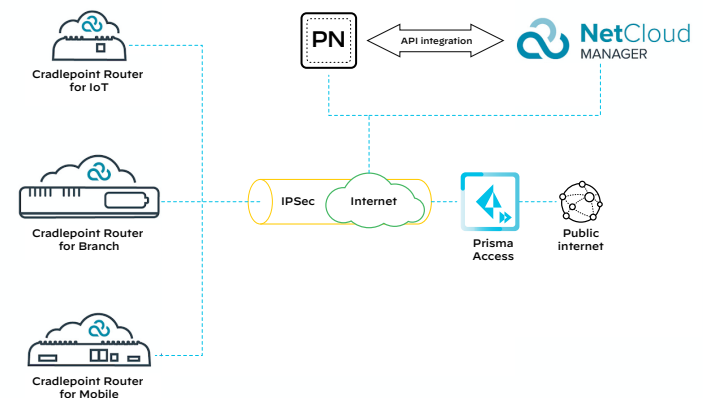


Figure 1: Distributed enterprise wireless WAN and SASE architecture

Use Case No. 1: Emergency Response Pop-Up Clinics

Challenge

Pop-up clinics need to quickly and securely connect to adjacent hospitals or remote sites in the community.

Solution

Cradlepoint's wireless WAN, powered by NetCloud Service, delivers mission-critical connectivity over Gigabit LTE that can instantly scale to multiple sites. Paired with Prisma Access, temporary sites can run critical healthcare applications, eliminate attack vectors, and meet compliance standards.

Use Case No. 2: Teleworkers and Remote Education

Challenge

Organizations that have migrated workforces and/or students to virtual environments are struggling to ensure business continuity and productivity. Establishing and maintaining reliable connectivity anywhere with enterprise-class security that can dynamically apply policies has been challenging.

Solution

Cradlepoint's wireless WAN, powered by NetCloud Service, enables organizations to deploy enterprise-grade connectivity to remotely distributed employees and students. When coupled with Prisma Access, it protects traffic and ensures policy enforcement.

About Cradlepoint

Cradlepoint is a global leader in cloud-delivered wireless edge solutions for branch, mobile, and IoT networks. The Cradlepoint NetCloud Service — based on the Elastic Edge™ architecture — delivers an agile, pervasive, and software-defined wireless edge that connects people, places and things everywhere over LTE and 5G cellular networks with resiliency, security, and control.

More than 18,000 active enterprise and government organizations around the world, including 75 percent of the world's top retailers, 50 percent of the Fortune 100, and first responder agencies in 25 of the largest U.S. cities, rely on Cradlepoint to keep critical branches, points of commerce, field forces, vehicles, and IoT devices always connected and protected. Major service providers use Cradlepoint wireless solutions as the foundation for innovative managed network services. <https://cradlepoint.com/>

About Palo Alto Networks

Palo Alto Networks, the global cybersecurity leader, is shaping the cloud-centric future with technology that is transforming the way people and organizations operate. Our mission is to be the cybersecurity partner of choice, protecting our digital way of life. We help address the world's greatest security challenges with continuous innovation that seizes the latest breakthroughs in artificial intelligence, analytics, automation, and orchestration. By delivering an integrated platform and empowering a growing ecosystem of partners, we are at the forefront of protecting tens of thousands of organizations across clouds, networks, and mobile devices. Our vision is a world where each day is safer and more secure than the one before. For more information, visit www.paloaltonetworks.com.



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