

<https://cwg.systems>

# CWD AP

## Telecom Grade Secure Wi-Fi

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CWD AP with remote office interconnect

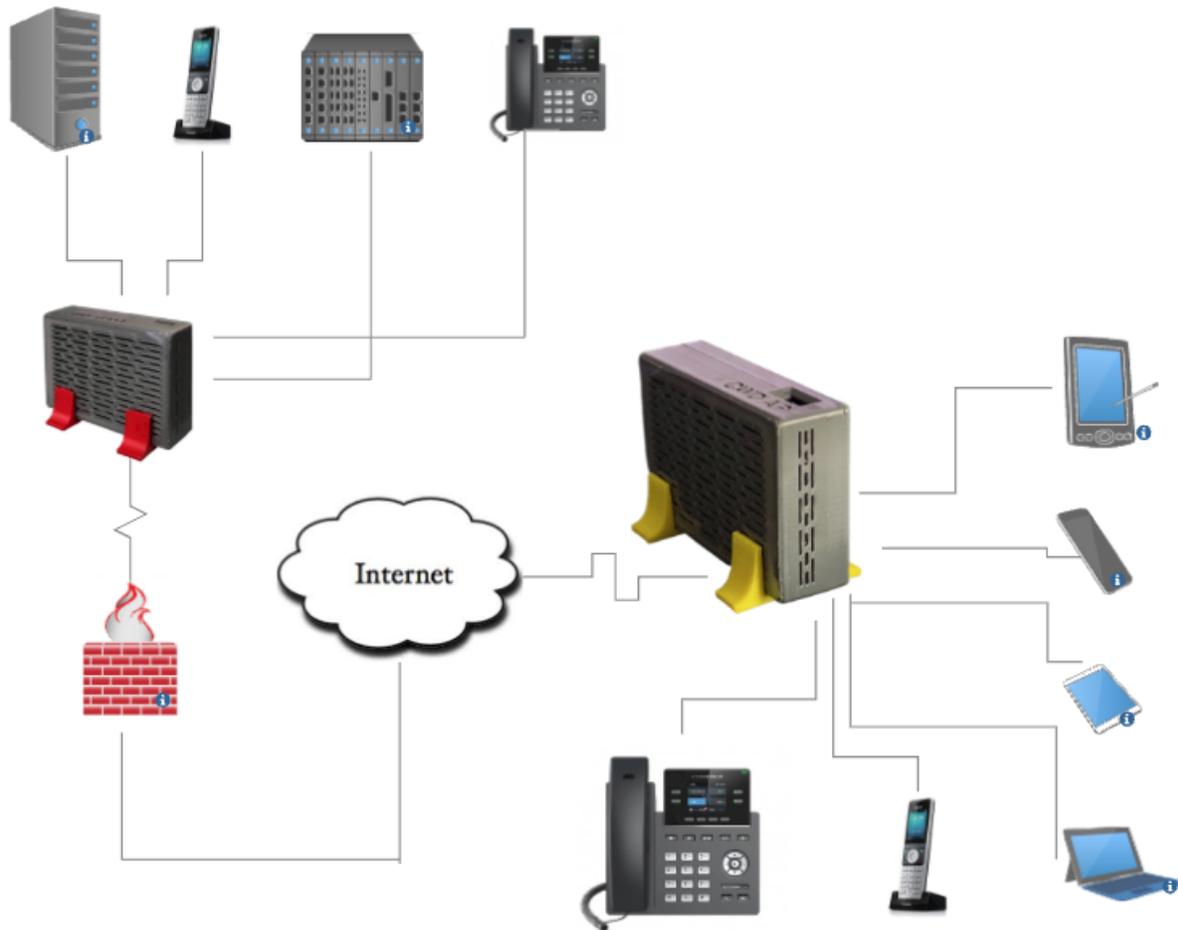


### Product Overview

The aim of CWD AP is to provide telco grade wireless service and security and to protect interconnected wireless and wired devices, systems, mainframes, and devices—like smartphones and tablets—within its network. Companies, universities, governments, and other sensitive entities use enterprise networks to connect their users to information and people. As networks grow in size and complexity, security concerns increase. CWD AP in conjunction with CWD GATE can be used as a remote branch access node for hundreds of wireless users easily over its 5Ghz Wi-Fi network without any network lag.

Wireless networks lack robust security tools—such as firewalls, content filtering and anti-malware detection programs—common to wired networks; Wi-Fi networks also provide wireless access points, which can be susceptible to infiltration. Because they may lack the same

protections as wired networks, wireless networks and devices are vulnerable to a variety of attacks designed to gain access to an enterprise network. An attacker could gain access to an organization's network through a wireless access point to conduct malicious activities—including packet sniffing, creating rogue access points, password theft, and man-in-the-middle attacks. These attacks could hinder network connectivity, slow processes, or even crash the organization's system. CWD AP takes care of all of that and keeps wireless connectivity safe and stable.



## Fast, Secure & Feature Rich Appliance

Loaded with wireless intrusion detection system (WIDS) and a wireless intrusion prevention system (WIPS), the CWD AP has the ability to detect wireless infiltration attempts and ignore

such attacks. The appliance ensures that it is free from known vulnerabilities by updating all software in accordance with CWD Service Level Agreement (SLA). As the need grows to use more complex encryption technologies that conform to strict wireless protocol standards as they are developed and approved, CWD AP comes pre-built with Counter Mode Cipher Block Chaining Message Authentication (CMCBCMA). In addition to a hardened kernel and a strong system update mode, CWD AP can interconnect directly to a private network via its built-in CWD Gate Wireguard connect to initiate calls through CWD PBX or take advantage of its privacy and routing capabilities.