

SECURITY AND CONVENIENCE — SIMPLE WITH



Gatekeeper™

Remote access software can be **invaluable** for small businesses. Yet every time a port opens to connect with a machine outside of the network, an attacker gets to work trying to probe that access point, escalate credentials and compromise assets and/or infrastructure. **The threat of network exposure is very real.**

Remote access software is widely adopted for its ease, reliability, and affordability. However, remote desktop protocol (RDP) suffers from poor configuration practices, critical vulnerabilities, and increasing attacks. **The FBI, NSA and DHS have all issued warnings about the risks to organizations that use RDP without adequate safeguards.** The industry needed a convenient, affordable, and reliable solution to secure remote access.



GATEKEEPER shields systems from the **public Internet, unauthorized users, stolen credentials, probes, scans, botnets, brute force, targeted attacks** and more.

“ IF IT ISN'T SAFE, EASY AND AFFORDABLE, IT'S NOT GOING TO BE THE SMART SOLUTION FOR SMALL BUSINESS. ”

BEN YARBROUGH - CEO Calyptix Security



SECURE



NO VPN OVERHEAD



AUDITOR-FRIENDLY



CONVENIENT



WORKS WITH MULTIPLE MOBILE DEVICES



CLIENT-LESS



SINGLE PAGE LISTING OF HOSTS USER CAN ACCESS

GATEKEEPER provides authenticated remote access without having to expose the RDP or Secure Shell (SSH) port to the public Internet.

Unlike traditional port forwarding, **GATEKEEPER** requires end users to authenticate themselves via username and password and a Two-Factor Authentication (2FA) verification code before they are allowed to access the destination host.

The secure and convenient **GATEKEEPER** feature works with multiple mobile devices to offer:



Multi-factor authentication (MFA) — only users that have been authenticated using their name and password as well as an account-specific **GATEKEEPER** one-time authentication code can gain access to the business's RDP or SSH end point.



Least privileges access — Administrator defined rules grant users, or sets of users, controlled access to specified internal resources.



Zero Trust Network Access — Secure, one time, transient firewall rules eliminate exposure to the outside world as the **GATEKEEPER** portal creates a specialized connection only for the authentic remote users shielding RDP and SSH systems from hostile actors.

Unlike a VPN, **GATEKEEPER** does not require a client software installation.

GATEKEEPER addresses compliance requirements and facilitates adoption of best practices, including many outlined by NIST 800-53 and NIST 800-171.

GATEKEEPER, a feature of Calyptix's AccessEnforcer v5.0 and later, can be used with all types of devices (Windows, iOS, Android & more).

