R*HUB

R-HUB Servers Provide Ultimate Remote-Access Security

Today, web meeting and remote access solutions are typically offered by cloud service providers such as Zoom, Teamviewer and GotoMyPC. Because these servers are exposed to the public, anyone with an Internet connection can access them, leading to constant, around-the-clock attacks from everywhere.

Under these conditions, an eventual security breach is likely to occur with or without a provider's knowledge. Here are a few examples of breaches experienced by leading cloud remote-access service providers:

- [50,000 security disasters waiting to happen: The problem of America's water supplies](#) [TeamViewer hackers] by NBC News
- ['Significant' number of TeamViewer accounts hacked](#) by BBC News
- [Check Point Reveals Zoom Video Hack](#) by Security Boulevard
- [SpaceX Stops All Employees Using Zoom](#) by PC Magazine
- [Citing Attack, GoToMyPC Resets All Passwords](#) by KrebsonSecurity

Cybersecurity Gaps Exist Within All Cloud-Based Web Meeting and Remote Access Solutions

While many remote access service providers boast the security of their services, all any provider can truly claim is that their technology uses common SSL and AES security protocols to enable "transmission security," which encrypts data transmitted over the Internet. They avoid emphasizing the "access security," the security protection designed to prevent unauthorized access to web meetings and remote access servers.

Access security is the largest existing gap for cloud-based solutions. The ultimate solution for ensuring access security is a corporate firewall. To take advantage of firewall protection, organizations must install remote access solutions on their premises. R-HUB, a leading global provider of on-premise solutions, has provided thousands of organizations with secure, remote-access, on-premise servers since 2005.

R-HUB Servers Offer Exceptional Remote-Access Security

R-HUB technology combats the access security issue by using on-premises servers for web meetings and remote access. Our unique security technology includes:

1. On-premise servers that operate *behind* the corporate firewall, allowing the firewall to provide ultimate protection for remote-access sessions. As a result, LDAP integration becomes feasible, allowing R-HUB solutions to rapidly deploy to all employees within minutes. When combined with R-HUB's floating server licensing policy, every employee can use R-HUB's productivity tools without incurring additional costs.

2. Dedicated servers that prevent third-party access to session data. All cloud service providers are subject to government inquiry from agencies requesting access to user data including meeting history, attendee details and future meeting information. In the first six months in 2017 alone, [Google received 48,941 requests for data from global governments](). In addition, the cloud service providers themselves can access user data any time for their profits. Check CNET "[Now that everyone's using Zoom, here are some privacy risks you need to watch out for]()".
3. Private servers that are less known to hackers in instances where the R-HUB servers are exposed to the public Internet.
4. Complete end-to-end proprietary encryption of all data types with 352-bit real-time and random private keys during all remote access sessions including desktop sharing, file transfer, video, audio and chat.
5. Irreversible encryption within databases of all critical passwords including user passwords and remote access session passwords. The entire database itself is also encrypted to ensure optimal security.

About Us

R-HUB is a premier provider of real-time collaboration solutions that meet the needs of service providers and other organizations. Unlike competing solutions based on named licenses, every employee can use R-HUB's productivity tools without incurring extra costs thanks to the R-HUB floating license model. Connect, collaborate and engage with others as often as needed while experiencing the peace-of-mind provided by the ultimate on-premise security, simplicity, speed, integration and branding.

Established in 2005, R-HUB is privately-owned and headquartered in Silicon Valley, California. With more than 4,000,000 end users in a variety of market segments including services, manufacturing, healthcare, education and government, R-HUB technology has been embedded in products provided by innovative companies such as Hitachi and Zultys.