



Security Overview – Hosted Reporting

GreenPrint Security Overview

GreenPrint is a print volume reduction solution incorporating a Client/Server architecture. GreenPrint's server component is a Web-based reporting dashboard and administrative interface, allowing users to view dynamically derived reports on printing-related activities. The server can be hosted within a customer's firewall or at GreenPrint's facility.

Security Provided by Amazon S3

Because GreenPrint values our customers' data and privacy, our hosted web reporting has been implemented on top of Amazon's world-renowned S3 hosting. Amazon has built its S3 to be Sarbanes Oxley (SOX) compliant – meaning that it has SAS70 Type II certification, is continually working to obtain or maintain the strictest of industry certifications, and have built-in HIP AA-compliant features. As part of the certification process, Amazon was required to create an environment that provides for multiple physical redundant backups, physical security including extensive setbacks and military-grade perimeter control, two-factor physical identification checks at three stages before a person is allowed entry into a facility, and stateful firewall and cryptographically strong SSH key bastion access.

Each hosted instance stands in isolation – meaning no entry can be gained from other instances running on that same physical host. The data passing to and from the S3 server is accessible only via SSL encrypted endpoints – bringing state-of-the-art security and control to the process. Amazon provides significant protection against traditional network security issues like Distributed Denial of Service attacks, Man in the Middle attacks, IP Spoofing, Port Scanning, and Packet Sniffing.

All of these factors are why GreenPrint uses Amazon's Simple Storage Service (S3) for our underlying hosted provider.

Additional Security GreenPrint Provides

GreenPrint only allows key-based access to our host servers, employing a privilege escalation mechanism with logging on a per-user basis. All user password information is encrypted and stored only within the same user site – with no externally available information. GreenPrint's Web Reporter provides one-way write access – from the clients to the Web Reporter. The GreenPrint Dashboard set of reports provide read-only views of the data, limited to print-specific information used to generate graphs and charts to illustrate printer, application, and workstation usage, and paper and ink usage and savings.