

Colo 2.0 (IaaS) Systems Security

The Colo 2.0 service has stringent data protection policies for internal use and as part of our services to ensure compliance with data protection laws and regulations. Our data protection policy can be found at <https://www.jse.co.za/privacy-policy>.

Customer data is stored in the JSE's service providers New York data centre including a read-only replica in London.

The mandatory data fields include:

- / Identifier / Full Name
- / Email Address

We use this data for authentication to the customer portal and to check permissions of each user before processing any Provision/ Destructions/ Power Cycles.

This also includes sending out emails with scheduled and unexpected maintenance notifications to customers.

- / The central database, read replica, central logging system and metric real-time database are all held on our secure private network which is only accessible by authorised privileged users
- / The access method for authorised users is IPsec VPN (AES-256) which requires 2-factor authentication. (All insecure ciphers have been disabled).
- / The customer portal has encryption-in-transit, enforcing TLS 1.2 (AES-256) as a minimum. (All insecure ciphers have been disabled).
- / Accessing the customer portal requires a 2-factor authentication and on-request can have IP whitelisting to only all allow access to authorised users.
- / Continuous vulnerability scans are in place across the Beeks internal, management and multi-tenant infrastructure.
- / All Beeks applications including internal, management and multi-tenant infrastructure is penetration tested annually by a 3rd party CHECK + CREST certified provider.
- / All of the JSE's service providers data centres are accredited to a very high standard, including SOC2 Type 2, PCI DSS, NIST 800-53/FISMA, ISO 9001 and ISO 27001.



Beeks

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