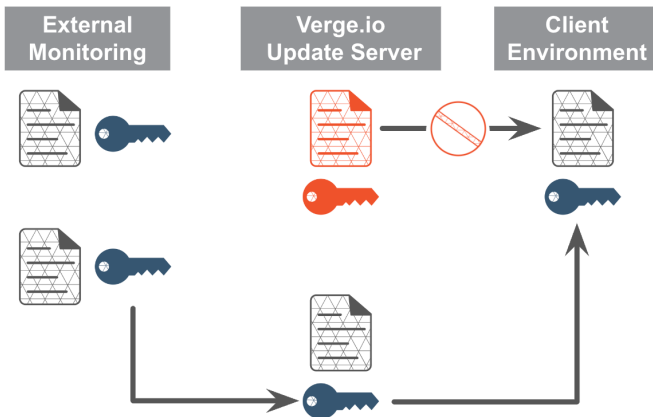





Inherently Secure

Verge.io does things differently. Instead of silos of technologies knit together, it is a single, powerful piece of software. This offers numerous security benefits that are inherent in the architecture.

Secure and Verified Trusted Installs



Security Benefits and Features

-  Easy and secure patching with no downtime means systems stay patched and secure. Prevents one of the biggest root causes of an attack.
-  Global data deduplication and 256-bit encryption at rest and in transit makes sure your data is secure, regardless of physical access.
-  Snapshot technology allows you to quickly recover data from a ransomware attack or other cryptolockers event.



- Two factor authentication
- Auto-enforce password policies
- Limit of unsuccessful login attempts
- Ability to terminate user sessions
- Ability to monitor and control remote access sessions
- Encryption at rest and in flight
- SSL & AES 256 encryption
- Monitor all infrastructure changes
- Monitor all hardware events and massive disk writes
- Physical drives cannot be read due to encryption and deduplications
- Layer 2 and 3 network and vLAN support
- Intercommunication of isolated services within networks
- Fast and cheap snapshots protect against ransomware
- Simplify adherence to compliance standards such as HIPAA, HITRUST, FISMA, NIST 800.172, FIPS and Common Criteria and many others.

Take a **FREE** Test Drive

There's nothing like seeing it to believe it.

<https://verge.io/test-drive>

vSAN Integrity

The vSAN stores a cryptographic hash of every block of data written. When that data is read, it is re-hashed and validated for integrity. This technique protects against silent corruption and bit rot. In the event a bad block has been discovered, Verge.io checks for redundant local copies. If none is found, Verge.io checks available DR/Backup sites in real time. If found, the data block is repaired seamlessly, without user interaction, and with no down time.

Encryption

Verge.io supports 256bit encryption at rest and in-transit within the environment and externally. The API and web user interface use standard encryption which are not optional.

Snapshots

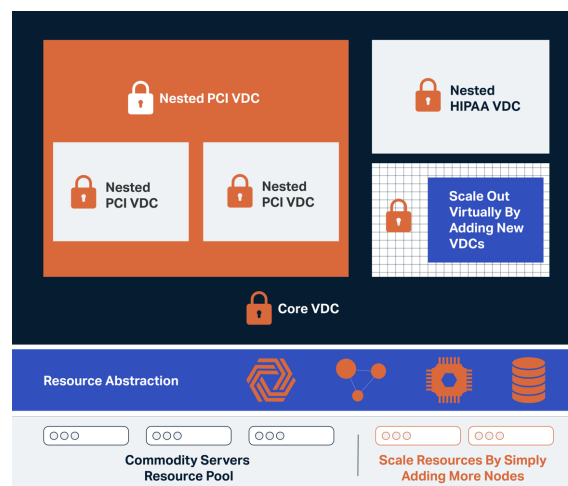
Use snapshots to recover entire virtual data centers from a ransomware attack. Use monitoring and logs to identify when the data was encrypted, then restore the snapshot just before encryption. Resume operations in minutes.

Compliance

Use recipes to automatically create compliant virtual data centers. Recipes can dramatically reduce complexity and cost to meet many compliance standards such as HIPAA, HITRUST, FISMA, NIST 800.172, FIPS and Common Criteria and many more.

Encapsulation and Isolation

Each nested virtual data center is itself an entire own copy of the Verge.io operating system and shares now instance with other virtual data centers. The result is highly secure, highly portable, standalone virtual data centers.



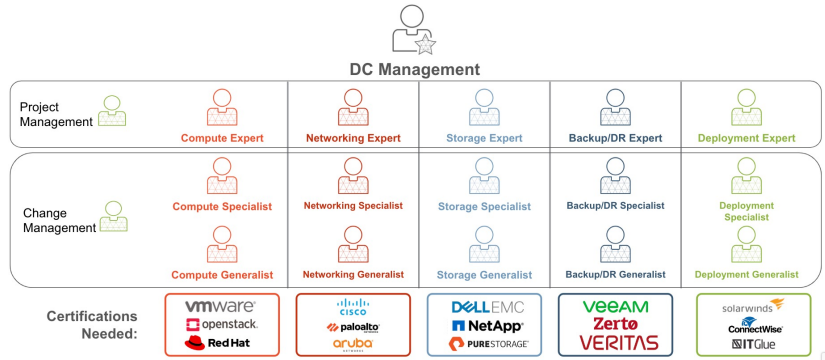
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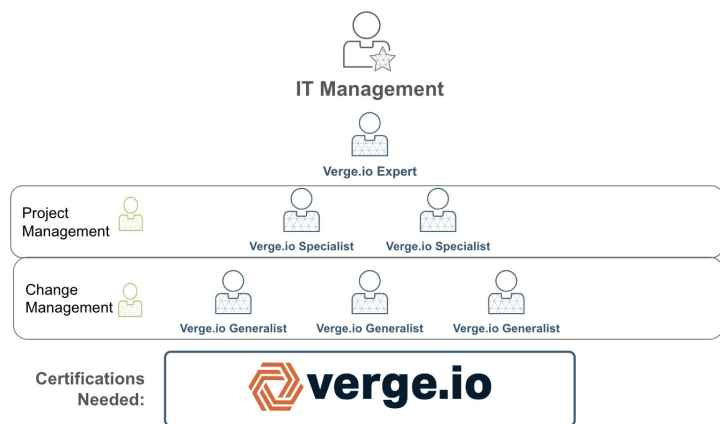
Legacy Architecture Staffing

Legacy architecture requires many disparate skills and vendors. This makes wholistic security difficult, as it must be coordinated across different teams and different vendors.



Verge.io Staffing

Verge.io can be managed and administered by a few generalist IT professionals with no multi-vendor integration or coordination required. A single simple, zero-downtime crypto-verified patching schedule means systems stay patched.



- Verge.io's single dashboard or API can be used by a NOC or SOC to monitor and log hardware events, users and changes to any of the infrastructure.
- Use low-level disk monitoring to identify the massive data writes caused by ransomware encryption. Restore a snapshot just prior to the encryption to rescue your data from a ransom demand.
- Super efficient snapshot technology allows you to protect data against ransomware attack.

Take a FREE Test Drive

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