

Partition Remote Administration

Decentralize control over your Primus HSM by using Partition Administration on Decanus Terminal

Your HSM users can now take control of and responsibility for their own partitions while your IT organization manages the device itself.

Details

Until now, giving each business application full control over its own key store also meant giving each and every one its own respective Hardware Security Module. That is not only costly and logistically challenging, it is also operationally insecure – the users will, inevitably, lack the resources and discipline necessary to manage an HSM and keep its security up to date.

With Securosys' *Partition Administration* you can separate the administration of an HSM cluster from the control over its partitions. Each department can manage credentials and security settings of their partition while your centralized IT organization makes sure the HSM has the latest firmware, is fully backed up, and is always running in high-availability mode.

The *Partition Administration* app, now available with the latest *Decanus Terminal* firmware, allows its operator to perform the same administrative tasks on a partition level that a physically present Security Officers can. These include:

- Resetting credentials
- Changing the partition's security configuration
- Management of invalidated keys
- Exporting logs
- Partition backup/ restore

This way you can decrease capital expenditures and operational overhead while maintaining decentralized control. If required for your security procedures, it also allows you to set up geo-redundant administration of the partitions.

Firmware

To use this feature, please download the latest HSM and Decanus firmware and upgrade the devices:

- Primus HSM to version 2.8.1+
- Decanus Terminal to firmware version 2.0.1+



Benefits

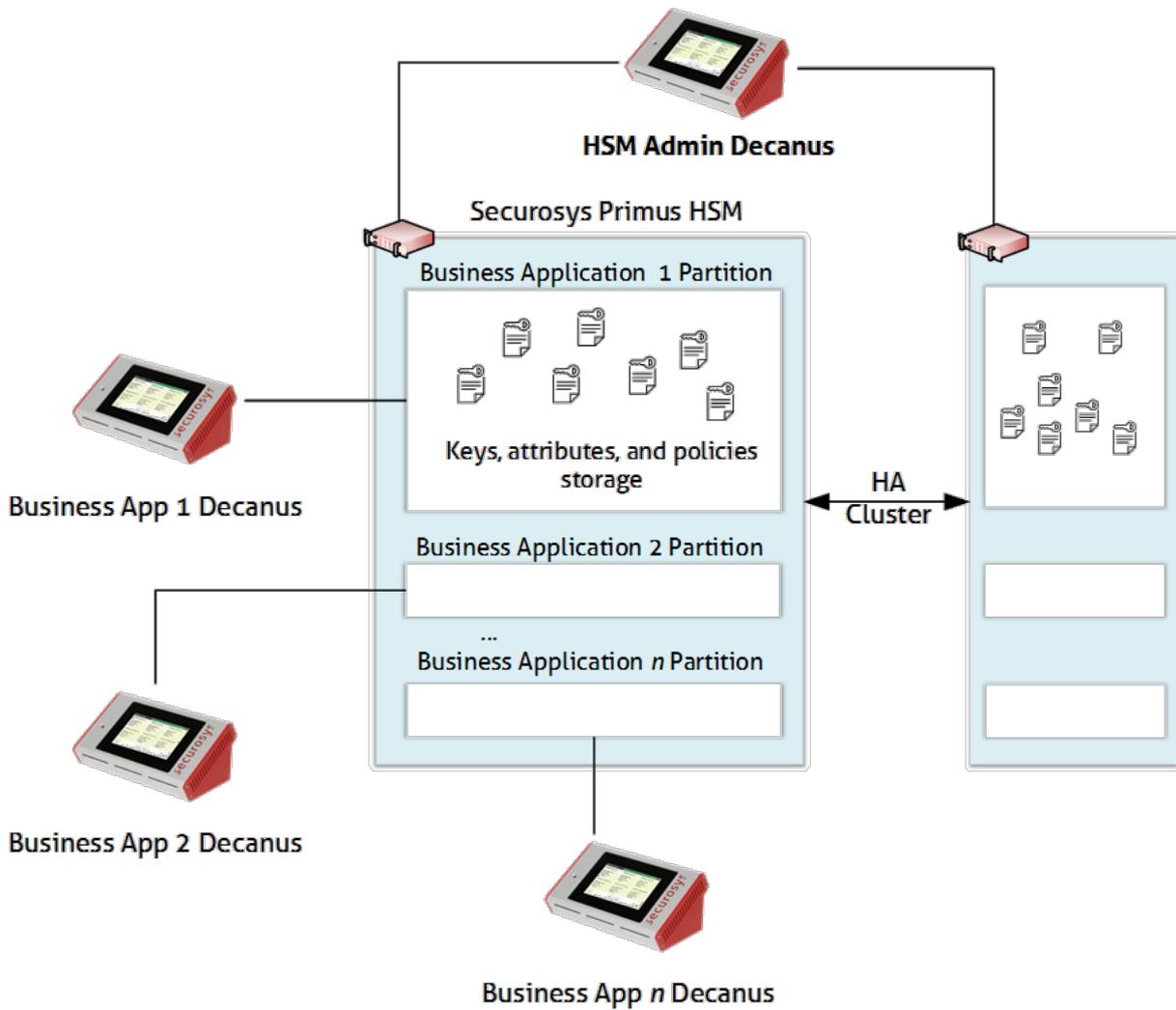
Segregated access of HSM tenants

- Partition administrators can set credentials to access the tamper-proof keystore
- Keys are generated with true hardware entropy and are inaccessible to the HSM administrator
- Each organization can set their access method: CNG, PKCS#11, and/ or Java

Centralized administration of the hardware cluster

- Redundancy for all users in one place
- Decreased capital and operational expenditures

Architecture



High-level overview of the architecture as well as the segregation of access and responsibilities