







## ADVANTAL'S DATA SECURITY SOLUTION

Advantal's data security solution (DSS) makes sure that your data is as secure as you want it to be. The solution implements data security while data is: at-rest and in-transit. Most applications only make sure that your data is secure while in-use and their terms of service doesn't cover the in-transit and at-rest feature.




Offered DSS comprises of two major components for ensuring encryption of Data-at-Rest as well as Data-in-transit. For in-transit we use custom VPNs and for at-rest full device encryption at hardware level using Secure Box.

-  Advantal's VPN solution provides protection of the data which is moving over the network (data-in-transit).
-  Solution is implemented as a software/Android client on the end user devices and a custom backend that manages the communication and keeps the logs.
-  Data security for data-at-rest is powered by AES-256-bit encryption.
-  Secure Box is implemented as a software/Android client on the end user devices and a custom backend that manages the user and communication.

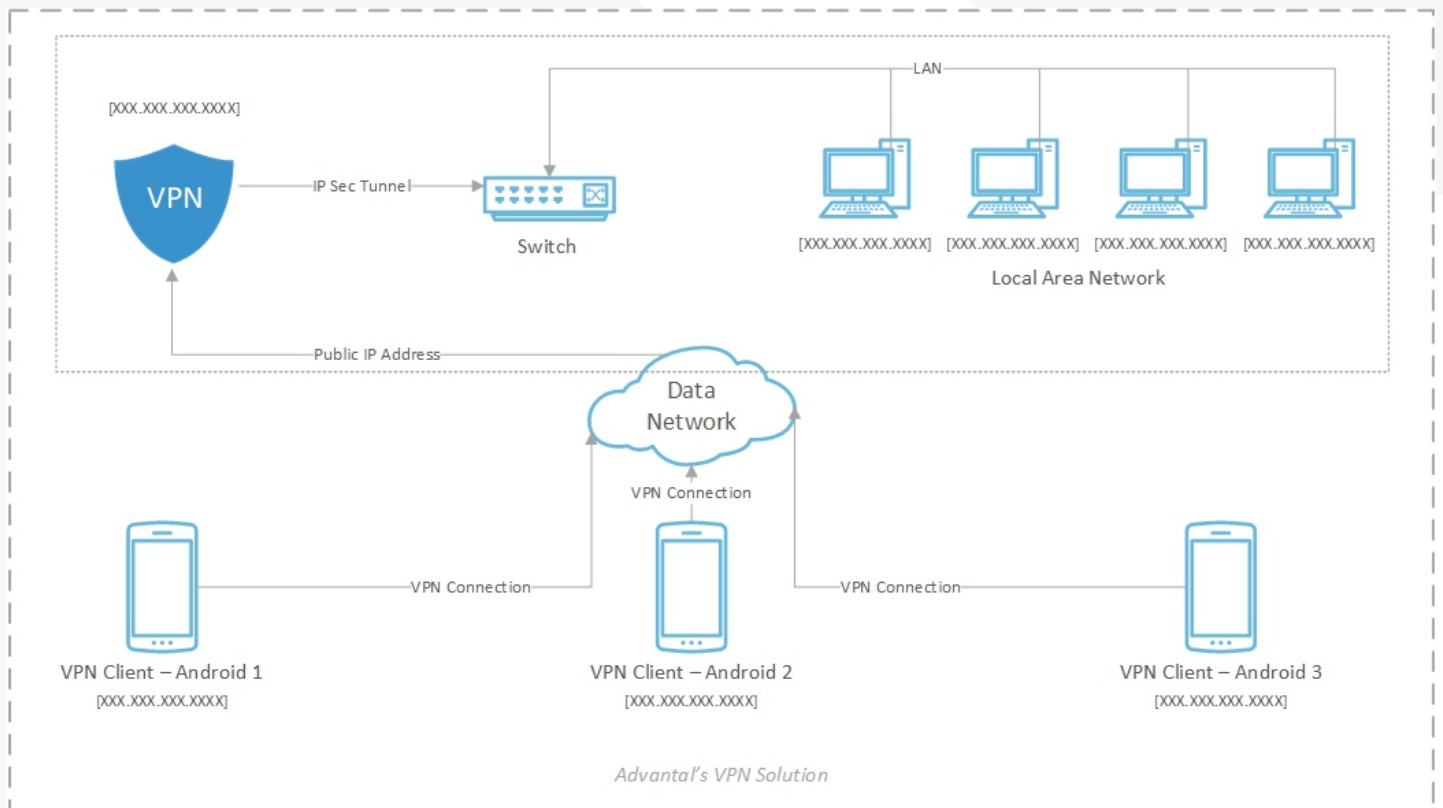
### VPN KEY POINTS

-  With its simple user interface, the VPN client offers point-and-click VPN activation and streamlined management tools to minimize support requirements.
-  VPN supports multiple redundant gateways to ensure mission-critical network access in the event the primary gateway fails.




### SECURE BOX KEY POINTS

-  Secure activation and login of account with device binding.
-  Files are stored as encrypted data on device.
-  Files can be shared with user-specific passkey.

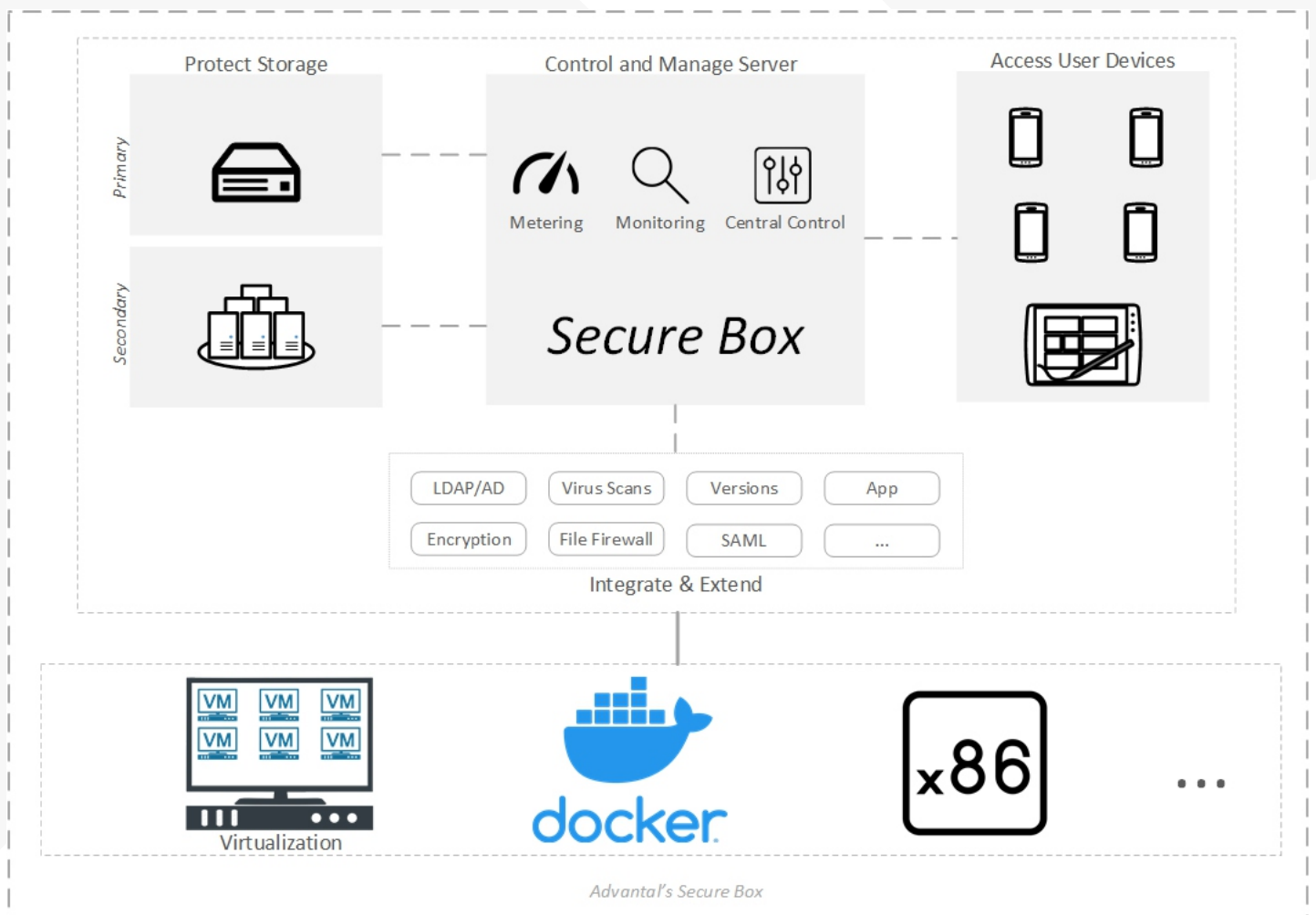
## VPN SOLUTION ARCHITECTURE










### VPN FEATURES

-  VPN client can be set up to lock critical configuration information from the user to prevent tampering.
-  Ipvsec VPNs authenticate and encrypt every communication session. Layer-3 VPN technology is highly scalable and allows flexible any-to-any connectivity.
-  Encrypt communications from unmanaged mobile devices. Both web-based and network-level access through SSL/TLS encryption is delivered through a browser.








## SECURE BOX SOLUTION ARCHITECTURE







## SECURE BOX FEATURES

-  AES-256-bit encryption is used for files.
-  Passcode enabled access to files on device.
-  User can Store all the files on the device only.
-  Secure file system for easy management and file transfer.
-  Files / attachments can be uploaded from third party.
-  Secure Box supports File Transfer Protocols such as SSL/FTPS, SSH/SFTP, HTTP/S, SMTP/POP3, CIFS/SMB.
-  HTTPS enabled web services and admin panel.







## DSS FEATURES

-  VPN client can be set up to lock critical configuration information from the user to prevent tampering.
-  Automatic, encrypted tunnels for controlled validated per-session access to applications.
-  Secure activation and login of account with device binding.
-  Files are stored as encrypted data on device.
-  AES – 256-bit encryption is used for files.
-  Passcode enabled access to files on device.
-  Files can be shared with user-specific passkey.

## VPN SOLUTION


-  Automatic, encrypted tunnels for controlled validated per-session access to applications.
-  Advanced threat protection against exploits and advanced malware.
-  When deploying VPN solutions by IT admins it ensures that VPN deployments work smoothly, don't waste server resources, and enforce strict security policies that prevent data leakage.
-  Automatic reconnection of VPN tunnels when the server side disconnects. Server-side disconnections are more difficult to detect and handle than device-side disconnections, which are usually related to detectable conditions like loss of connectivity or the presence of new network connections.

## SECURE BOX

-  Set advanced passcode restrictions
-  It delivers the visibility, control and integration into complex, secure and compliant environments that IT needs while providing users the frictionless access to all of their files from any device.
-  It provides a safe, secure and compliant file synchronization, storage and sharing system that is deployed on servers (controlled by the client).
-  Secure Box provides end-to-end encryption so the files can be shared as well as stored safely. Data cannot be intercepted during the syncing process.
-  The Secure Box Admin Panel was designed to provide diverse functionalities from user management.
-  Customer Management – manage customer records.

## Contact for Support

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