



ANVESH VISION **PVT. LTD.**

Website: www.anveshvision.com



ABOUT US

Anvesh Vision was formed in July 2018 with the objectives of providing quality consultancy services, helping clients make major strategic decisions and implement improvements to business operations, resulting in their achievement of exceptional business performance. Professional team at Anvesh Vision has 15+ years experience in fields of Data Security technologies, Cyber Security, PKI, IT services & Solutions and Compliance consulting etc.

We also provide Web development and digital marketing services to our customer.



OUR VISION

Data is the new oil for the organizations, our vision to provide data security to our customer. Which help customer to comply with the regulatory and Standard. We don't want to add just IT services for customers, but we want to provide cost effective IT solutions and technologies to our customers. Our experts provide IT consulting and auditing.

1: Hardware Security
Module

2: Key Management
System

3: SSL Certificates


4: DMARC

5: Verified mark certificate
(VMC)

6: Microsoft & Google
Email Solutions

7: Endpoint Security
Solutions

8: Backup and Storage
solutions



OUR SOLUTIONS


9: Gateway level and Email security

10: Two-Factor Authentication/Multi - Factor Authentication/SSO

11: Digital Signing Solution

12: Data Right Management and Data Classification

13: Payment Industry/BFSI Solutions



OUR SOLUTIONS

1: Data security consulting
and auditing

2: HSM and KMS
deployment and AMC
Services

3: PKI deployment and
AMC Services

4: Digital SigningAPI
deployment and
integration services

5: BFSI solution
deployment andAMC
services



OUR SERVICES

6: Encryption deployment
for File Servers/DB
server/KMIP integration
etc...

7: Backup and disaster
recovery solution
deployment

8: Data Migration on-prem
to cloud.

9: AadharVault
deployment and AMC
services

OUR SERVICES

OUR OEM'S

THALES

sify safescript®

 **GlobalSign**


ENTRUST

 **digicert®**

appviewX


COMMVAULT™

OUR CLIENTS



Our expertise in Information Security



Implementation Expertise

- Dedicated team to help customers in various audits/compliances like PCI, RBI, NPCI, UIDAI, IRDEA
- A team of OEM certified in the field of Data security (PKI, HSM, KMS , Digitization/Automation)
- Having experience in managing 200+ customers for Digital Signing Solutions, HSM Devices, KMS appliances, PKI.
 - Dedicated SPOC for enterprise customers.
- Encryption, Tokenization, Masking, SSL/TLS across the globe.
 - Core team for quick Installation & Implementation
 - 24*7 support for critical issues.
 - BOM & Sizing for cost optimization

Migration Expertise

- Luna SA 5 to 6, 7
- Next-Gen KS to CTM.
- Ncipher to Luna
- Luna EFT to PayShield
- Vormetric to Ciphertrust Migration

Implementation Experience with Customers	
Paiza Bazaar	Max Bupa Health Insurance
Indian Overseas Bank	Religare Health Insurance
Canara HSBC OBC Life Insurance	Religare Securities
PayTM Payment Bank	Airtel Payment Bank
Atom Technologies	Bharti Airtel Limited
Integrated Enterprise	One97 Communication (Paytm)
Bijli Pay	One Mobikwik
Tata Capital Housing	Max Life Insurance
Tata Capital Finance	ICICI Prudential
ISERVEU	Oxygen Services
CSB Bank	Shriram General Insurance
NSDL	Royal Sundaram Life Insurance
UTITSL	Idea Cellular Limited
Kotak Bank	Ujjivan Small Finance Bank
NextGen Data Centre	EKO Financial Services
Income Tax Department (PAN Card Project)	Home Credit
NeGD (Govt. of India)	APT Online (Govt. of Karnataka)
HeroFin Corp	Policy Bazaar

GPHSM Deployment Experience (Use-cases)

- KYC
- Tokenization
- SSL Offloading
- E-Pan Card
- Secure QR Code
- UPI
- SNORKEL
- PKI
- PIN Printing
- PIN Translation



Payment HSM Deployment Experience (Use-cases)

- Transaction switching and authorization including
- tokenization
- Mobile card acceptance (mPOS)
- Point-to-point encryption (P2PE)
- Remote key loading for ATM and POS devices
- PIN management
- EMV data preparation and personalization
- Mobile provisioning for SEs and HCE
- applications
- HCE application management
- Interfaces to EMVCo payment
- tokenization services



Luna GP HSM Scope with Migration

- HSM rack mounting Network Configuration Date & Time Configuration Initialization of HSM
- Assigning HSM admin password Initialization of partition and its role
- installation of HSM client on application Server Migration certificate and keys from existing HSM
- Complete installation and configuration of new HSM solution (DC & DR) Configuring and testing the HA between the DC and Synchronization with DR HSM Migration of eKYC service to the new HSM solutions without impacting Aadhaar vault services Backup of the Existing HSM solution before proceeding with the migration
- Implementation (Build Document) & Technical (SOP Document) documentation creation and approval
- Creating a necessary report of the successful migration, including necessary artifacts for FIPS 140-2 feature enabled of the eKYC service.



1. HSM Hardware Installation & Rack Mounting Assigning.
2. IP Address
3. Configuration of Management Port
4. Install Smart card reader drivers Install the
5. Extension Component Enable the Extension
6. Component
7. Install the Local Application Component Configure
8. card reader
9. Commissioning the HSM Create New
10. Security Domain
11. Download & install TLS certificate for UI access
12. Generation of the HSM Recovery Key Commission
13. Administrator Card
14. Configure payShield Manager Interface
15. Generating the Local Master Key Shares

Payment HSM Scope (PayShield & EFT)



16. Load Local Master Keys
17. Creating Authorizing Officer Cards
18. Authorizing Sensitive Commands Load
19. Zone Master Key
20. Configure the HSM audit settings to record the use of individual console commands and
21. user actions on the HSM, and to set the audit counter
22. Check HSM Audit Log
23. Configuring Monitoring SNMP Settings View Health Check Data
24. Run Health Statistics/Diagnostics
25. Configure Settings to a Smart Card for Disaster Recovery and Rapid Deployment Configure
26. Connecting Host Applications to HSM
27. Generating Keys for testing

Payment HSM Scope (PayShield & EFT)



Payment HSM Audit Scope (PayShield & EFT)

Understanding and reviewing the various keys used within the environment

- Reviewing the Key Matrix document and the list of keys used within the
- environment, along with the responsible key custodian
- Reviewing the checksum values of various keys deployed
- Reviewing the logs for creation, storage and accessing the various key components

(Video Call evidence)

- Reviewing whether PCI protection mode is enabled for HSM
- Whether the TDES keys used are double-length keys
- Whether TDES is configured for encrypting, decrypt, encrypt mode
- Reviewing the physical security Reviewing the key loading process followed



Payment HSM Audit Scope (PayShield & EFT)

Demo Key Ceremoy

- Demo of how the keys are loaded into HSM .
- Demo of how the ZCMK, ZMK, AWK are loaded
- Demo of how the various keys are generated

Reviewing the key management process followed for Key Generation, preventing key substitution and Key destruction

- Reviewing the process followed for key generation
- Reviewing the process followed for key substitution
- Reviewing the process followed for key destruction



