DEXIT GLOBAL
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Venue Audit Tool (VAT)

A Highly scalable, Quick Configurable, secured, easy deployable Venue Audit Platform

VAT offers an independent, highly secure venue system audit platform that is easily configurable and constantly innovating. With its lightweight architecture, it can efficiently collect essential data from individual venue systems, making it ideal for non-native IT systems in Digital Examination environments.

This innovative solution is currently utilized for core security assurance and compatibility checks in various accredited Digital Examination institutions, ensuring foolproof end-to-end audits. VAT's pre-configured audit server guarantees that audit information remains secure from any tampering, while its streamlined process, following Lean Six Sigma methodology, allows for continuous improvement without the need for an active internet connection during the audit.

Key Features

- One of a kind, easy deployable, network deployable zero-foot print system audit platform that captures vital system information.
- Easy customizable audit parameters for capturing process compliance and system computability.
- One click, high scalable system scanning, data capture and audit capability.
- Highly secured, core security data reporting and synchronization protocol.
- VAT Sync server creates a historical data without overwriting or deleting.

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Summary of Invention

The core building blocks of the VAT involves

VAT-UI
UI used by the IT audit user.

VAT-master
A daemon running in the background on the server laptop. It acts as the central store for data.

VAT-node
A USB bootable operating system. There is one node per "network broadcast domain". i.e., per VLAN per subnet.

VAT-client-OS
A network bootable OS. After booting up, it shows a UI.

VAT-sync-server
This is a server component that runs in the HO. It is responsible for accepting data pushed from various laptop-servers.
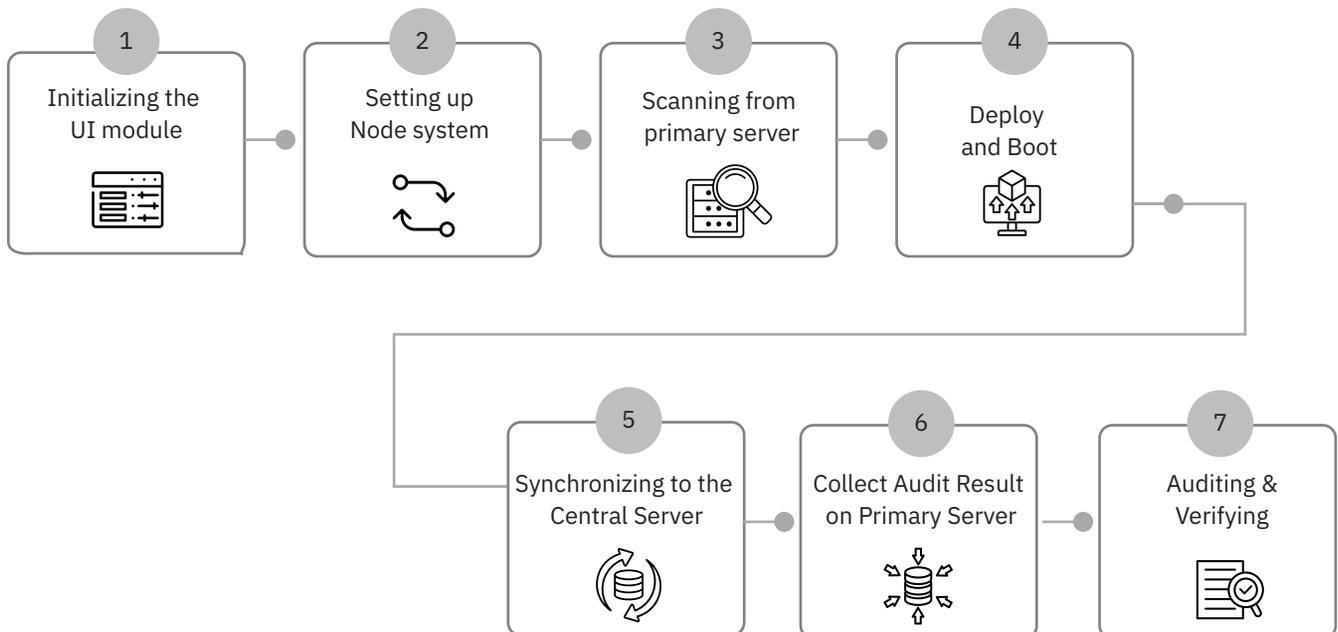
VAT-portal-server
This is a web-application that presents the collected data over a web-interface.

Benefits

✓ Efficient way to audit venues

✓ Tampering is strictly prohibited.

✓ Lean Six Sigma compatible

✓ Node setup without internet

✓ Zero digital footprint

✓ Captures diverse hardware, OS, and system information

✓ Highly secured data reporting and synchronization protocol

Process Flow

1 Initializing the UI module

2 Setting up Node system

3 Scanning from primary server

4 Deploy and Boot

5 Synchronizing to the Central Server

6 Collect Audit Result on Primary Server

7 Auditing & Verifying