



## InTrust – A zero trust network access system

The Zero trust model assumes that external and internal threat exists in the network. Hence, no entities, internal or external, are trustworthy. It is designed by considering that the third-party resources that are owned and deployed outside the enterprise network. It is important to verify the assets and their security postures before providing access to the resources in Zero Trust network.

InTrust is an indigenous asset tracking and management system for Zero Trust Network developed by C-DAC Bangalore based on the support and funding from Ministry of Electronics and Information Technology (MeitY), Government of India.

InTrust automatically keeps track of the list of assets, services and their vulnerabilities to derive the security posture. InTrust provides detailed information about the devices, their communication with other devices, applications and vulnerabilities. Based on the input collected from the host and network, InTrust detects and notifies the attacks and anomalies targeting the network. It can also detect and track the activities from new and rogue devices that are connected to the network.

InTrust can cater to all enterprise and e-governance networks where security and transparency of the assets are critical to the organization such as Defence, LEA, Government, etc.

### Salient Features

- Automated Asset identification
- New device & Device Status detection
- OS and Service wise asset distribution
- Asset Tracking & Management
- Automated trust score assessment
- Adaptive policy enforcement using trust score
- Continuous monitoring & reporting
- Vulnerability identification
- Device Security posture
- Rogue Device detection
- Agent-less implementation
- Traffic Monitoring and Anomaly detection
- Traffic profiling and trend analysis
- Application Identification
- Intuitive Dashboard
- Custom Reports
- Alerts & Notifications
- Log and Event Management
- Web based GUI with Role based access
- System Health Monitoring and reporting

