Building sustainable future

Asset Management Solution

(AJV-SOF-AMS-002)

Introduction

The purpose of Ajeevi asset management system is to help companies keep track of fixed assets. Asset management software is important for all-size organizations. It allows to track and manage all assets. It manages the lifecycle of Asset management reduces errors in manual tracking and human calculations. It saves time and resources by automating data aggregation and reporting, and it plays a foundational role in risk management

Uses

Asset management software can be used in virtually any business that needs to track equipment, materials, and even employees. Some of the many industries that benefit from asset management software include:

- Aerospace & Defense
- Corporate
- Education
- Franchise
- Healthcare
- Hospitality
- Local Government
- Manufacturing
- Media, News, Entertainment
- Military
- Nonprofit
- Oil & Gas
- Property & Facilities
- Real Estate & Construction
- Rental Services
- Retail & eCommerce
- Tech
- Telecom
- Transportation & Logistics
- Utilities
- Many Others

It can be implemented on per-asset model (deployed on Ajeevi cloud or any other cloud) or as perpetual software deployed at client's premises.

Features

- Creating Custom Reports
- Decreasing Downtime Due to Asset Breakdown
- Eliminating the Need for Spreadsheets
- Providing Employee, Vehicle Tracking
- Instant Asset Visibility
- Identification and Removal of Ghost Assets
- Identifying Trends in Asset Usage
- Improving Asset Utilization
- Improving Financial Forecasting of Assets
- Improving Life Cycle of Each Asset
- Predicting the Need to Purchase New Assets
- Pre-Scheduling Asset Maintenance
- Preventing Human Errors in Accounting
- Reducing Equipment Downtime
- Scheduling Shipping Alerts
- Tracking Fixed Assets in Real-Time
- Viewing Assets and Inventory from Any Device

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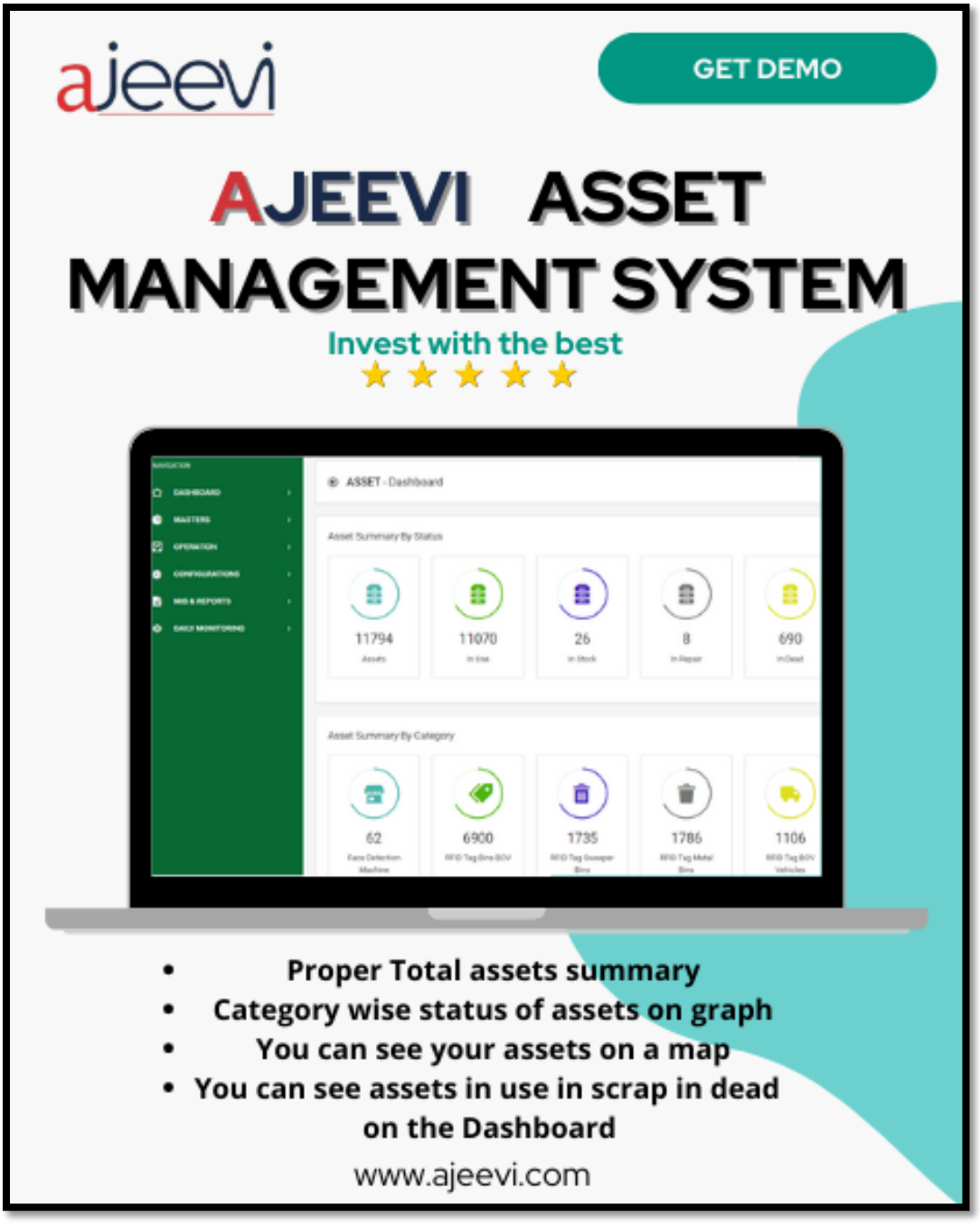

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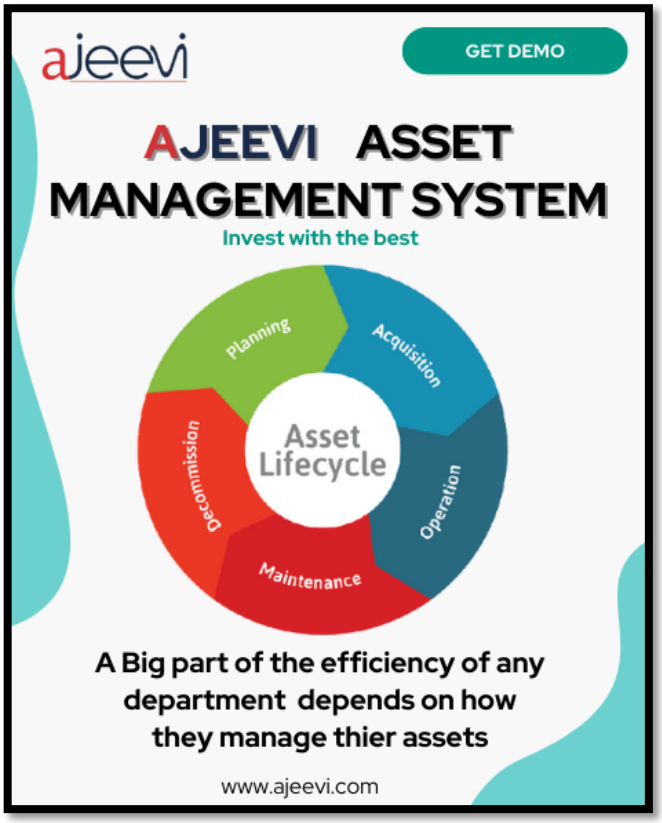

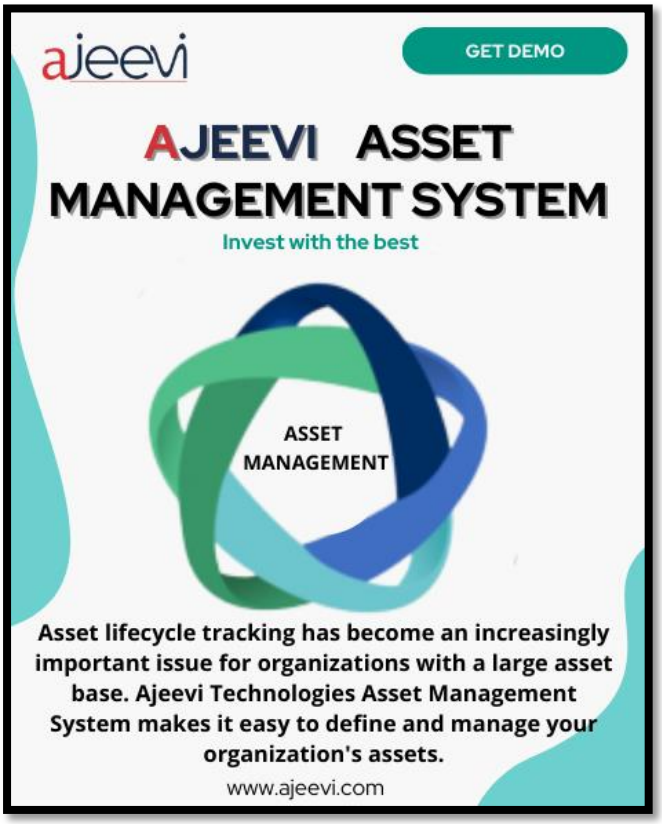

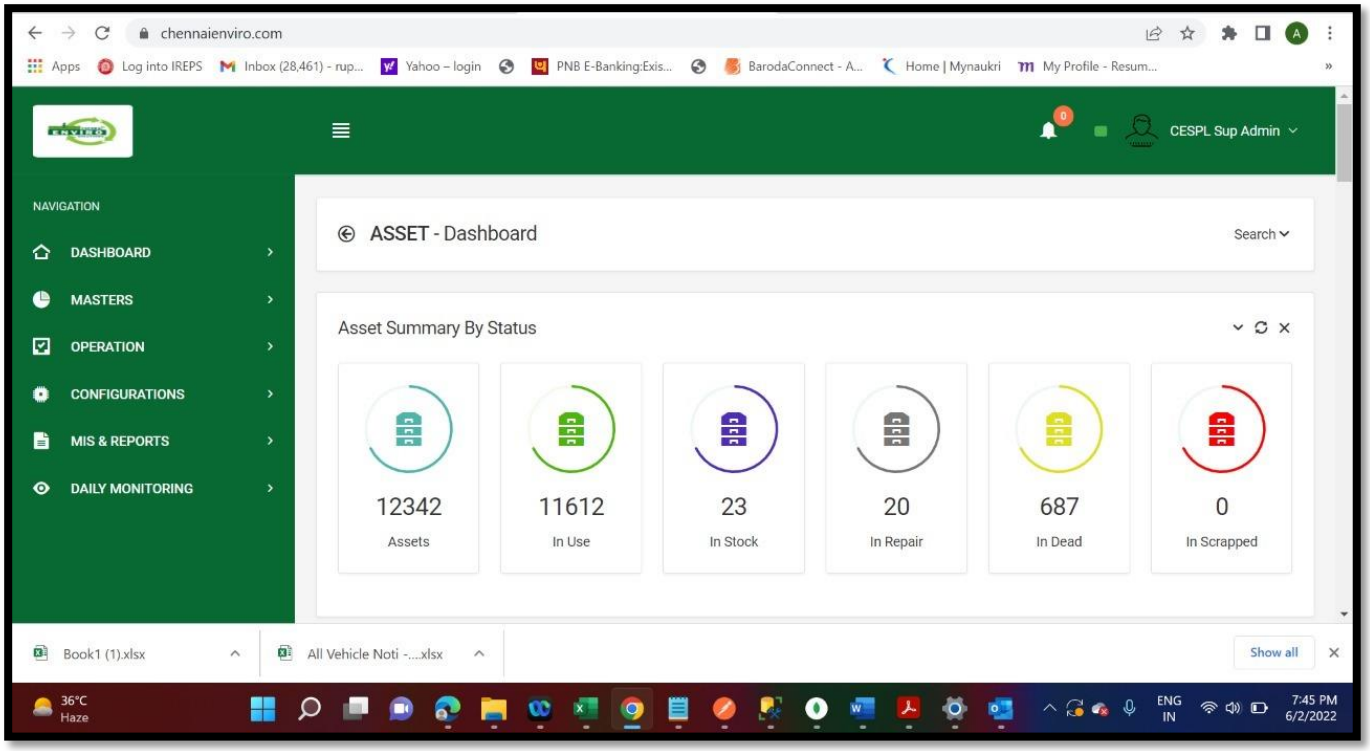

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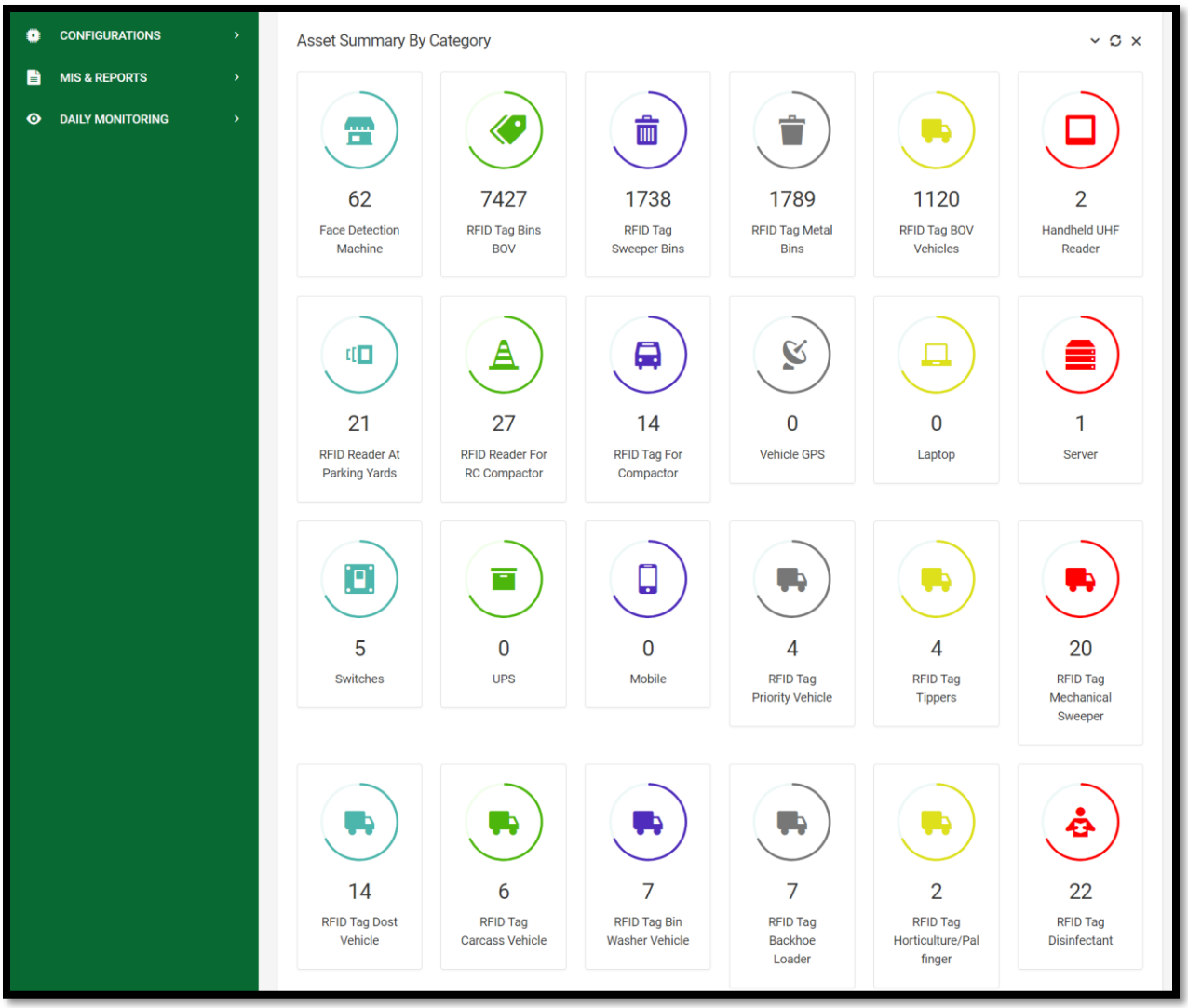

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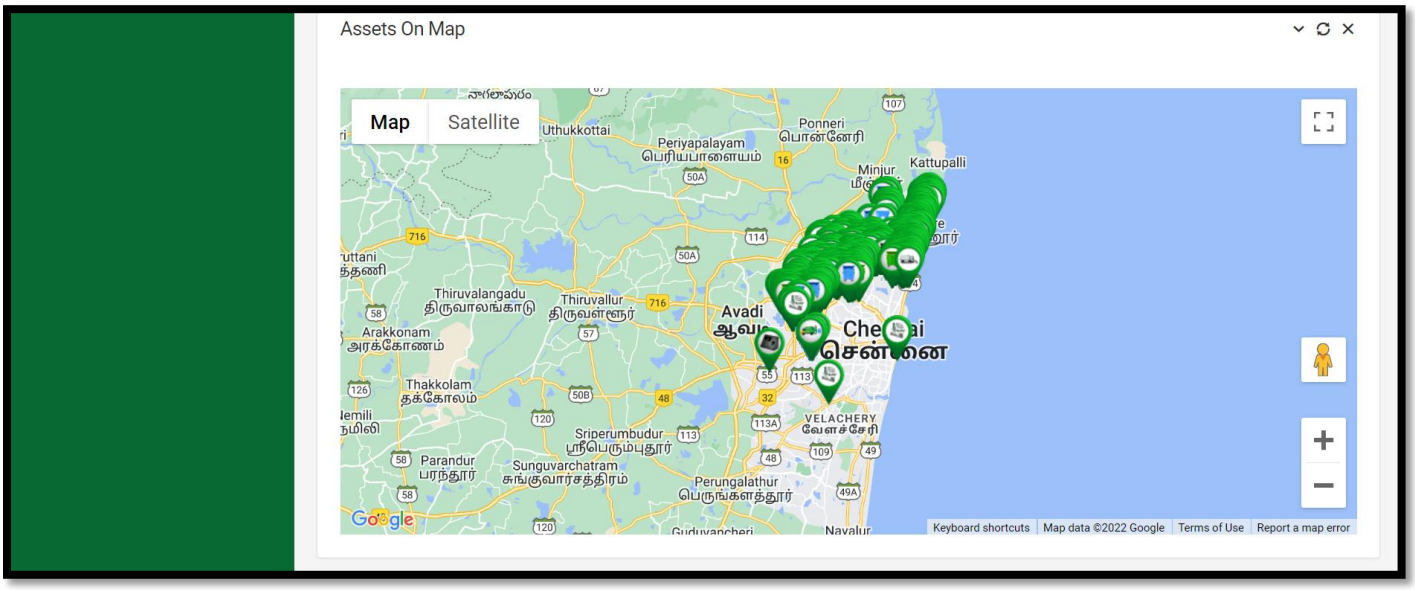

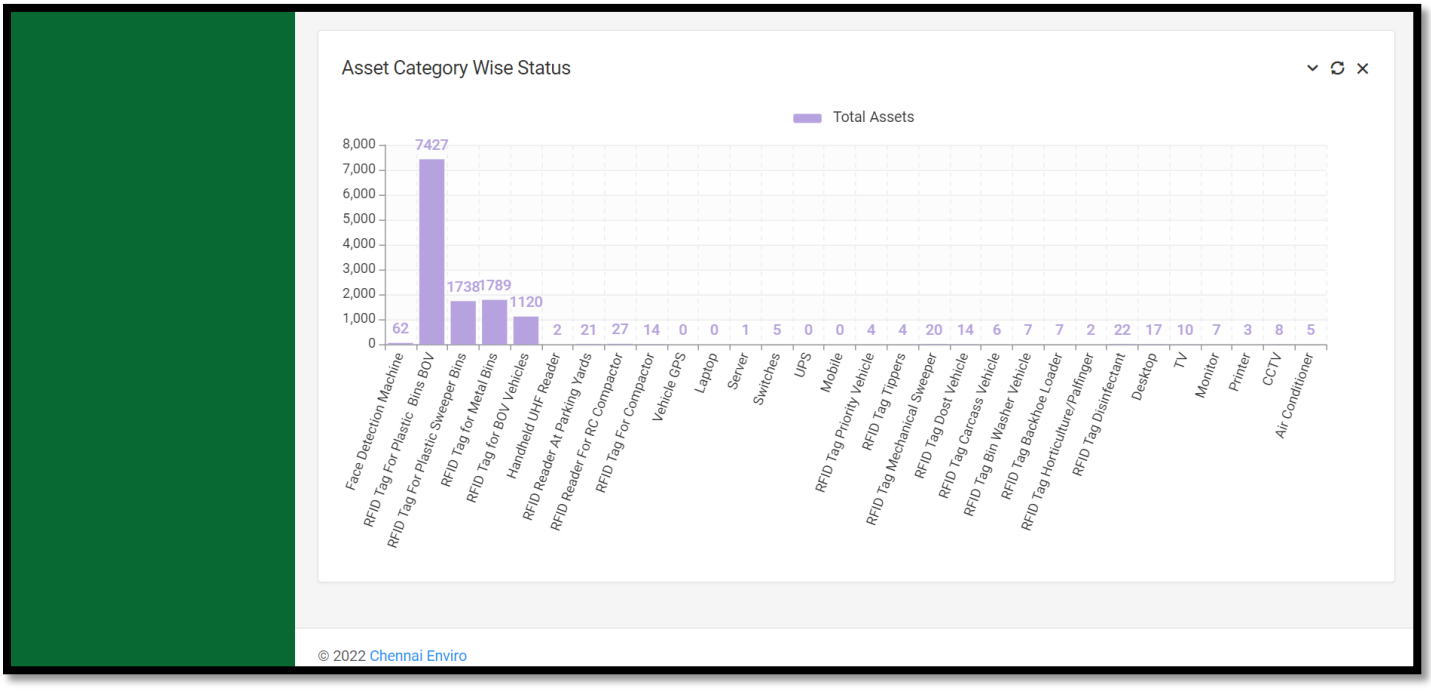

Technical Specifications

S#	Parameter	Remarks
A	**GENERAL**	
1	Centralized and Integrated Solution	Ajeevi Asset Management System
2	Technology Used	COTS (Commercial Off The Shelf) Technology
3	Access Features	RBAC Model (Role-based access and control)
4	Architecture	N-tier scalable architecture, modular design, robust software
5	Framework	.NET Core Framework, ASP.Net MVC
6	Database	SQL Server 2016 and above, Mongo DB, Posgre SQL, Unified database for all SWM data
7	Operating System	Windows / Open Source Linux
8	Front end	Java Script, Jquery, React JS, Angular, HTML, Bootstrap, Razor Pages
9	IOT Hub Integration	Kafka, Rabbit MQ, Socket Programming, Web APIs
10	Application Availability	High availability and DR replicability
11	Single-Sign On facility	Available
12	Audit Trail	Ability for logging, audit, and tracking of any changes carried out on the database
13	Interoperability Standards	Can be integrated with any other application through web APIs (Push or Pull)
14	Security Features	1. Security design with well-designed identity management system, security of physical and digital assets, data and network security, backup and recovery and disaster recovery system. 2. Support for security features such as W3C specifications, Information access/transfer protocols SOAP,HTTP/HTTPS ,etc 3. API Integration allowed post authentication
15	External Communication	Through SMS Gateway and SMTP Integration
16	Web Enabled Solution	Yes
17	Services for GIS Integration	Google Maps, ESRI Map, Any other available open map

18	GIS Features	Geomapping, Geotagging, POI, Geofencing through Geo JSON and drawing tool
19	Deployment Features	SaaS Model, On-Premise Model, BOOT Model
20	Cloud Deployment	Amazon AWS, Microsoft Azure
20	Information Security	ISO 27001 certified System
21	Operations	ISO 9001 Certified
B	**FUNCTIONAL FEATURES**	
22	Functional Features	Records and maintains details of various types of assets used in a solution on real time basis.
		Asset details can be maintained either manually / automatically, as per requirements.
		Asset details include information like basic information including asset name, type, image, serial number etc., purchase related information like PO details, date, cost, warranty etc., Installation information like place of installation, date/time of installation, Supervisor information etc.
		Dashboard showing status of assets in terms of total assets, working, in stock, under repair and scrapped.
		Dashboard to include asset details in terms of statistics and graphs for monitoring purposes.
		Asset installation location information shown on the Google Map for easy reference purposes.
		Assets can be mapped to any particular solution or can be assigned to an employee.
		Can include feature of generating alert in case of non-functioning of any asset.
		Details like warranty period etc can also be recorded and maintained by the system.
		Auto-alerts for various conditions like end of Asset ON/OFF, End of Warranty period, can be implemented
		Various MIS reports regarding statistics can be generated by the system
		Can be integrated with external systems and mobile applications