



Datacentre Inventory Tagging and Tracking

Powered by TrackITMobile - 1D, 2D or RFID

Key Features

- Handheld Tablet Application
- Advanced Graphical User Interface
- Ability to use multiple tablets seamlessly
- Integration into existing data centre planning tools
- Uses existing symbol libraries
- Allows instant reconciliation or complete data collection installs, moves or decommissions
- Track the history and audit trails of each device
- 1D, 2D, RFID and Portable Label Printing Options

Benefits

- Increase data accuracy
- Fast and efficient data collection and validation
- Increase productivity and ROI of existing tools
- Improve reporting and statistics
- Identify EMAC process and procedure failures
- Rapid deployment and full support package
- Streamline reporting with compliance for WEEE directives, Sarbane Oxley & Dodd Frank Acts and global carbon initiatives

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Automatic Validation and Updating

Powered by TrackITMobile

Integration with CMDB

TrackITMobile will retrieve data from existing data sources and reconcile or update it quickly and efficiently. The user can then have the choice to automatically update the CMDB or pick and choose which updates to make. Each amendment has a unique log and can be tracked to monitor when changes have been made and by which user, providing a full audit trail.

Space Recognition

TrackITMobile identifies each building, floor and individual space. Grid layouts are stored and the application can determine if a specific grid tile is valid and whether it is occupied, empty or reserved.

Online or Offline Synchronisation

The ability to audit or reconcile data quicker with multiple tablets working alongside one another in the same space. Connectivity modes allow data collected by one user to synchronise automatically to all other users in real-time, or work offline and collaborate all user data when required.

Connectivity and Interfaces

TrackITMobile has the ability to connect to handheld barcode scanners, RFID readers or cameras to capture data quickly.

Device Reconciliation and Updates

Existing data is loaded into the application and synchronised onto each tablet PC. As the user verifies floor mounted and rack mounted devices each device is updated.

- **Reconciliation** - If the device found matches the record in the CMDB this is acknowledged and the object marked as audited and accurate.
- **Update** – If the device details are incorrect, the amendments are logged to allow the CMDB to be updated.
- **Installations/Decommissions** – If a new device has been discovered it's details can be collected to add it to the CMDB. Should a device no longer exist, it can be marked as decommissioned to be removed from the CMDB.

Leading Software and Hardware Technologies

The application is built on cutting edge technologies which allow a rich user experience without complex installations or third party licensing. It is platform independent, allowing it to be run on Microsoft Windows, UNIX or Mac operating systems. TrackITMobile is device independent and can be run on virtually all computing devices ranging from laptops and tablets to mobile phones. The application has a small footprint and requires only basic prerequisites.

TrackITMobile Tagging Options Comparison Table

	1D Barcodes	2D Barcodes	RFID Tag
TrackITMobile Supported?	Yes	Yes	Yes
LightTouch Supported?	Yes (single field)	Yes	Yes
Aperture Workflow Supported?	Yes	Yes	Yes
Key Advantages	Simple to read Many devices already tagged Low cost	Large data capacity Readable if damaged Small footprint Low cost	No line of sight required Quick multiple scanning Choice of data capacity
Considerations	Very small capacity Unreadable if damaged	Reprint required if incorrect Line of sight required	Expensive Tag collisions occur if densely packed
Summary	Legacy tags can be useful when already tagged and no scope to retag. Information can be used to verify devices are in the correct location and using TrackITMobile the user can visually acknowledge the correct unit location and asset details.	An all round solution, allows verification of positional and asset details in a single tag. TrackITMobile automatically checks these details for moves and changes and updates the CMDB accordingly. Replacement tags can be printed at the rack and tags can be customised to any specification.	An excellent solution for identifying whether a device is present within a location or not. Equivalent data capacity to 2D and can be updated without needing to retag. Tag collisions prevent pinpoint accuracy, however TrackITMobile and door scanners can identify and document changes and moves automatically.

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