Software Overview

checkmate

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Software Overview

CheckMate software products provide a simple method to capture and consolidate operational data in Transport Shipping and Warehousing applications. Typical data includes ConNote and AWB numbers, EAN and SKU numbers, item weight, dimensions and images. These are of critical importance in backoffice applications such as revenue protection, masterdata and shipping.

The CheckMate system comprises Android and Windows client applications to collect, organise and process the data, and an enterprise server application used to consolidate data from multiple clients and automate integration with backoffice applications.

CheckMate client software wirelessly captures and records data from Cubetape scanning and dimensioning systems, weighing platforms and can incorporate items and images entered directly using the Android or Windows interface. When configured with the enterprise server, multiple clients can automatically upload captured data over wifi from multiple locations to one or more servers for integration with corporate applications.

This provides several advantages over alternative approaches:

- The solution is **scalable and flexible** and can be configured to meet the needs of a small organisation using a single CheckMate client at one location through to a large organisation with many clients and locations.

- Client software running on portable devices allows these solutions to be **highly mobile**. When combined with a warehouse trolley the data capture process can be setup anywhere, providing the ultimate in flexibility and use of existing space.

- The solution uses commodity hardware and existing infrastructure and is considerably more **cost effective** than alternative dedicated solutions.

- Although reliant on existing infrastructure, **data integrity and security** is protected. The system continues to operate in the event of wifi issues and will automatically re-synchronise after a network outage.

- The system is **easy to use** and requires **minimal training** because it relies on familiar components and work processes.

Client Feature Summary

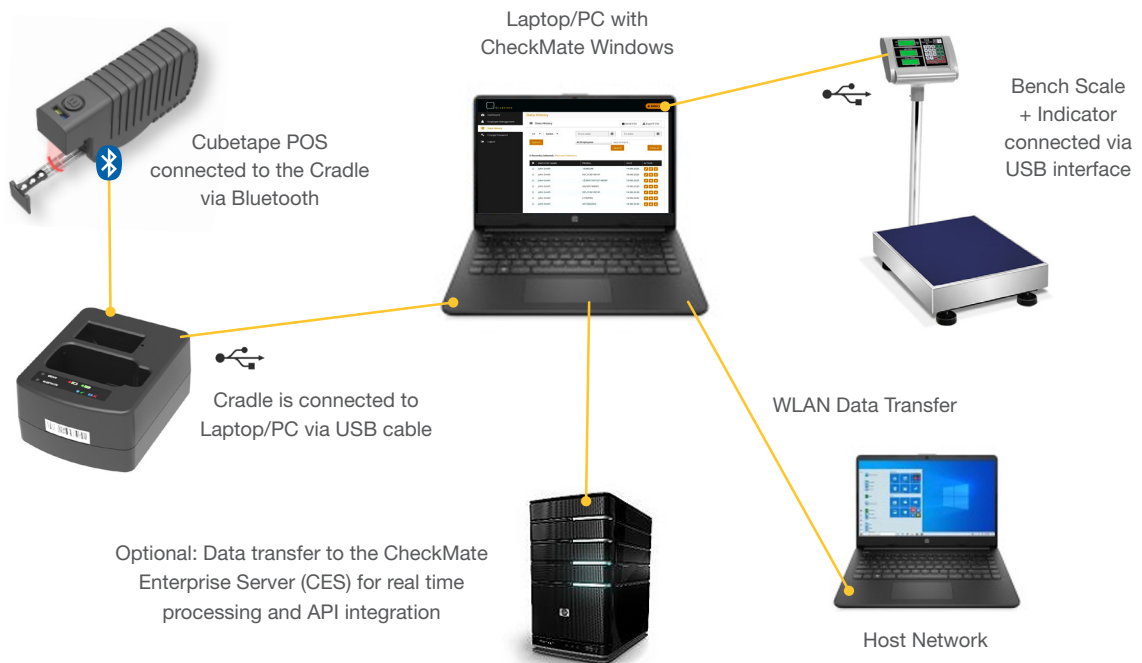| Setting	Description
Input Methods	Cubetape Scanner-Dimensioner Supported Scales Device Camera Device Keyboard
Mandatory Data Items	Barcode 1 (with validation) Dimensions
Optional Data Items	Barcode 2 (with validation) Barcode 3 Weight Pieces Up to 10 Images Units Date, Time, Username Station Name Volume/Dim Weight (next release)
Process Options	Single Item Multipiece Summary Screen Auto Weight Duplicate Barcode
User Interface	Portrait / Landscape Font Size International Options
Data Output Options	CSV file as email attachment Automated JSON transfer to CES
Deployment Support	Upload/Download Configuration
License	30 day evaluation download version Multi copy production license

Enterprise Server Feature Summary

Setting	Description
Management	Browser based access
Comprehensive Configuration Options	Notifications File Locations Archive policies Dashboard config International Settings
Administration	Users License Sites Devices Processes Logging
Data Transfer Options	CSV Management Push-Pull Process APIs
Environment	Windows Service
License Options	Evaluation Production Test

SKUmaster for Android

Android Device with
CheckMate App

Optional: Data transfer to the
CheckMate Enterprise Server (CES)
for real time processing and API
integration (including images)

CSV data
sent by email

WLAN

Cubetape POS for easy entry of barcoded parcel ID and parcel dimensions.
Filling the fields: Barcode, L, W, H and Weight. Several scales models can be integrated.

SKUmaster for Windows

Laptop/PC with
CheckMate Windows

Cubetape POS
connected to the Cradle
via Bluetooth

Bench Scale
+ Indicator
connected via
USB interface

Cradle is connected to
Laptop/PC via USB cable

WLAN Data Transfer

Optional: Data transfer to the CheckMate
Enterprise Server (CES) for real time
processing and API integration

Host Network

Data can be exported to designated folder:
• Manual export of CSV file • Automatic export of CSV file • Automatic export to a new CSV file per record.

Cubetape POS + Cradle for easy entry of barcoded parcel ID and parcel dimensions.
Filling the fields: Barcode, L, W, H and Weight. Several scales models can be integrated.

Note: Customers to supply Laptop/PC

www.cubetape.com

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