

Regulatory approvals

Europe	MI-008
USA	NTEP USA
Canada	Exemption
Australia	R129
New Zealand	R129

General approvals

Cubetape	FCC CE - ACMA
DSK Cradle	FCC - CE

Environmental approvals

Parceltools	REACH declaration
Parceltools	ROHSII compliance
Li-ion	MSDS

Cubetape

Mobile and flexible Dimensioning, Weighing & scanning (DWS) solution for the non-conveyables – ‘ugly’ packages and pallet loads

Including App + Cloud based software

www.volumenmessgeraet-logistik.de

www.parceltools.eu

May - 2021

What is a Cubetape ?



It is a cordless barcode scanner using a Zebra scan engine



It is a dimensioner using a Barcode on Tape (BoT) scanner, measuring L x W x H of a Package, Parcel and Pallet



PRO



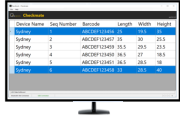
PRO

The Products – hardware

CubetapePRO (with OLED screen)

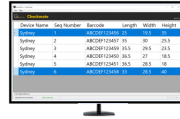
CubetapePOS >> online scanner / dimensioner

Cradle >> charger + HID communication module



CheckName	Qty	Barcode	Length	Width	Height
Survey 2	2	AR-CDF123457 25	25	25.1	25.1
Survey 3	3	AR-CDF123458 25.5	25.5	25.5	25.5
Survey 4	4	AR-CDF123459 26.5	27	18.5	18.5
Survey 5	5	AR-CDF123461 26.5	26.5	18.5	18.5

**CheckMate for Windows
Stand Alone mode
creating CSV file**



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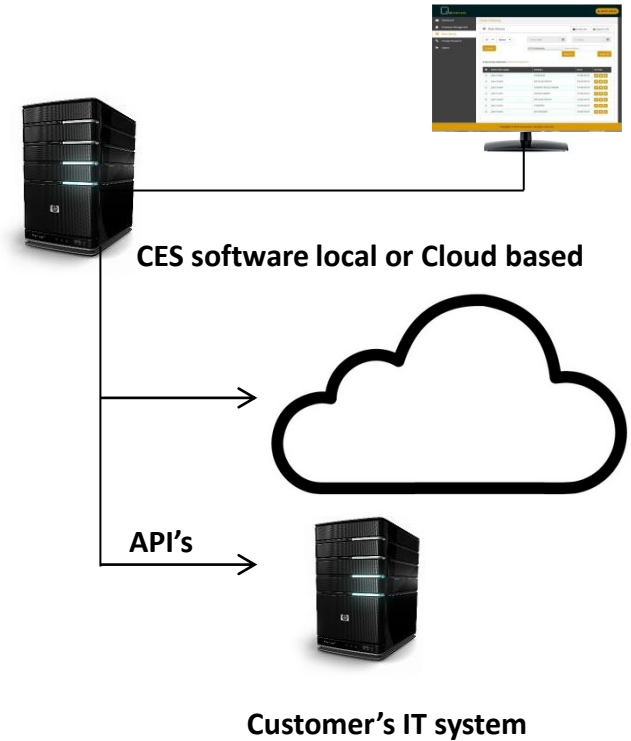
**CheckMate for Windows
in network mode**



**CheckMate App
For Android
Stand Alone mode
creating CSV files**



**CheckMate App
For Android
Network mode**



The Products - software

Our USP's



- Saves labour compared to traditional tape measures and manual data entry.
- The automatic data entry of dimensions eliminates errors caused by manual data entry of measurements.
- Is purchased and deployed at a very small fraction of the cost of fully automated dimensioning systems.
- It is mobile so measurements can be made where the pallet, package or product is handled. This saves time because no warehouse travel time or material handling equipment are needed to record the dimensions.

Primary Markets



Shippers

“Freight on” shippers need to bill the correct charges which are typically volumetric rather than weight based

Least cost shipping decisions require accurate data

Productivity and accuracy in despatch



Carriers

Carriers must measure to optimise their revenue

Global tier 1 carriers measure every consignment many times

Business case and payback period is compelling



Warehouse Management

Master-data for perfect SKU management

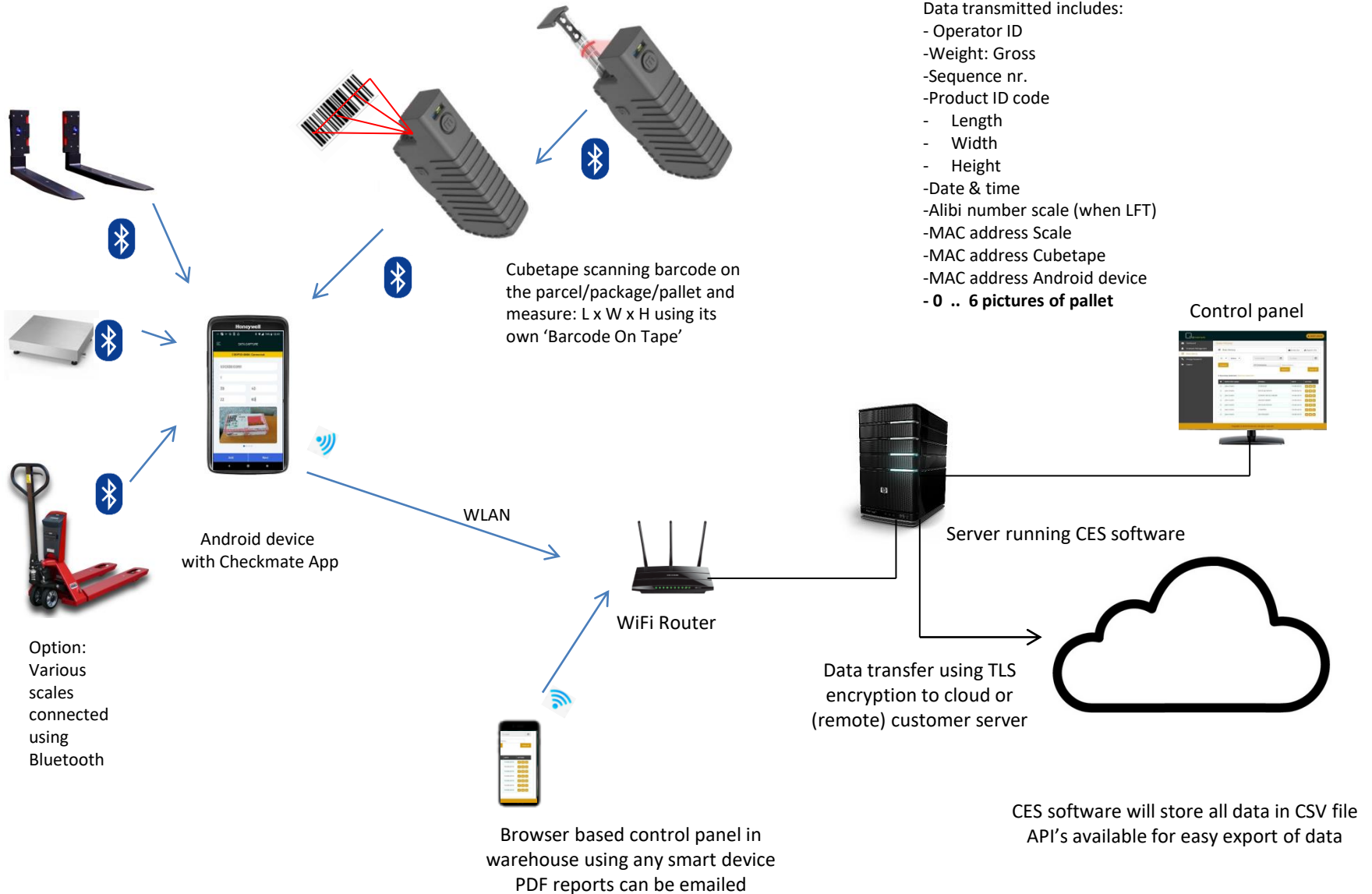
Accurate volumetric data required to calculate storage and shipping charges

Productivity and accuracy in receiving and 3/4PL processes

Checkmate APP + CubetapePOS + CES software on server



- Data transmitted includes:
- Operator ID
 - Weight: Gross
 - Sequence nr.
 - Product ID code
 - Length
 - Width
 - Height
 - Date & time
 - Alibi number scale (when LFT)
 - MAC address Scale
 - MAC address Cubetape
 - MAC address Android device
 - **0 .. 6 pictures of pallet**



Option:
Various
scales
connected
using
Bluetooth

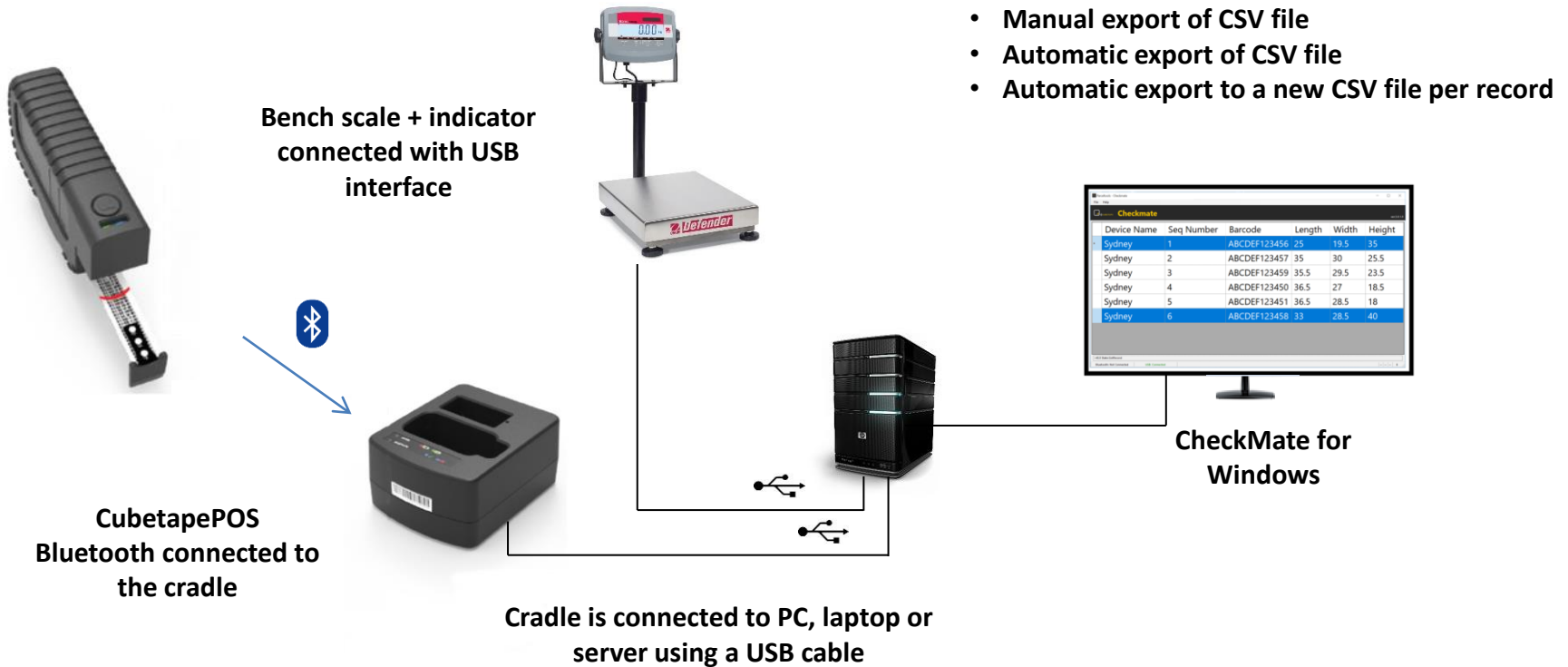
Browser based control panel in
warehouse using any smart device
PDF reports can be emailed

Data transfer using TLS
encryption to cloud or
(remote) customer server

CES software will store all data in CSV file
API's available for easy export of data

Dimensioning, Weighing & Scanning -- DWS

SKU Master data - processing solution



CubetapePOS + 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

**HID data entry in ANY application !!
Using keyboard emulation**

Populating entry fields
'Barcode ID'
'Length'
'Width'
'Height'



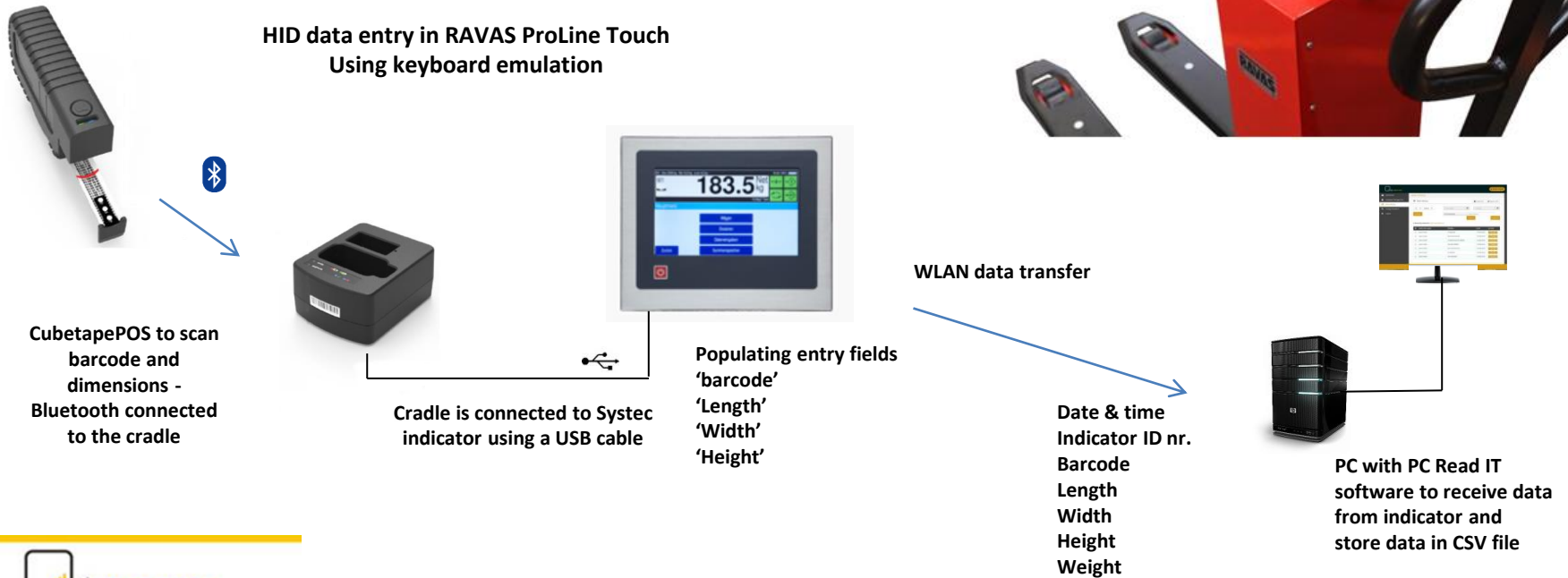
**CubetapePOS
Bluetooth connected to
the cradle**

**Cradle is connected to PC, laptop or
server using a USB cable**

**Any application
Any WMS
Any ERP
Any shipping software**

**Any OS
Windows
iOS
Android**

Easy and automated way of entry of: Barcode, L, W, H Using Systec indicator and PC Read IT on PC in office



Quick and Mobile data capture - Masterdata



Dimensioning, Weighing & Scanning -- DWS

RAVAS scale + indicator connected with Bluetooth to the PC

All mobile measuring station are WiFi connected to the WMS



scanning



CubetapePOS
Bluetooth connected to the Parceltools Cradle

dimensioning



weighing



CSV file will be recorded in PC



ZIPP Cube Bosch

CubetapePOS + scale for easy entry of barcoded pallet ID and pallet dimensions and weight

Filling the fields: Barcode, L, W, H & Weight + date & time – operator ID

Windows software will create store all data in CSV file

the weight will be polled from the scale using a Bluetooth command

This command will be send at the moment of scanning the barcode of the shipment

Checkmate APP + CubetapePOS

