

Mit korrekten und vollständigen Logistikstammdaten zum High- Performance-Lager

by Dr. Marinus Bouwman



KNAPP

ECKDATEN

Hart bei Graz

Österreich
Headquarter

1952

Gründung

53

Standorte

1.060

Mio. Euro Umsatz
2020/21

5.286

Mitarbeiter weltweit

125.700m²

Firmenareal

7

Produktionsstandorte

54

Millionen Euro
Investitionen in Innovation

3.000

Installationen

KHT

ECKDATEN

Gelsenkirchen

Deutschland
Headquarter

1986

Gründung

Produktions-
Standort Deutschland

2017


Part of KNAPP

2.500


Installationen





Please Scan or Type Barcode

Article-ID Clear 


Dimensions Attributes Photos


 Round

 Cubic

 Complex

Height	Weight	Go
1	1	

 Swap Dimensions

 Tare

Length	mm
Width	mm
Height	mm
Volume	mm ³
Weight	g
Packaging Unit	▼

Basisdaten eines Artikels helfen

- Bei Minimierung der Versandvolumina
- Optimierung der Lagerkapazitäten
- Einhaltung der Verpackungsverordnung
- Reduzierung von Reklamationen



Aber was braucht Automatisierung noch?





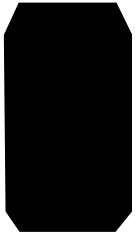
Was braucht Vollautomatisierung?



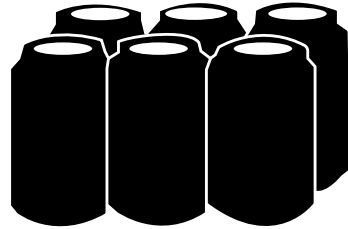
STÄRKE
entwickelt
sich

Was brauchen ihre Kunden?

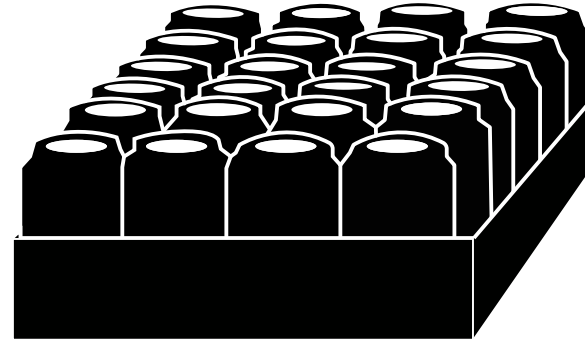




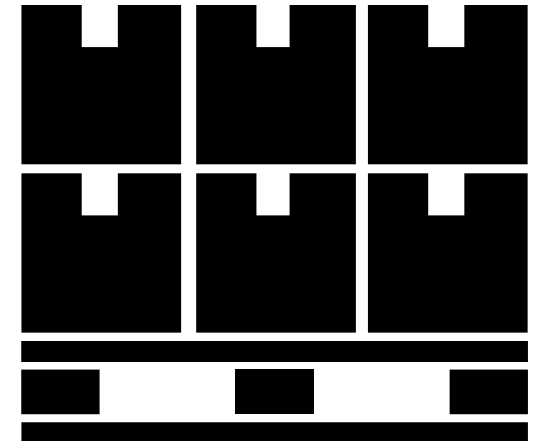
Unit
~30 Attributen



Pack
~20 Attributen



Case
~50 Attributen

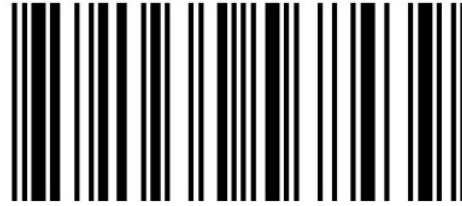


Pallete
~20 Attributen

Seit 1892



Seit 1974



Seit 1985



Seit 2021

4SE complete UNIT

Glossy

373N 00011100102
 ALTERNATIVE STING
 ARTICLE NO
 KISOFT ID

Beverage Can

Q7N
 ALTERNATIVE STING
 ARTICLE NO
 KISOFT ID

Attributes

WIDTH (MM)	142	⊙
LENGTH (MM)	408	⊙
HEIGHT (MM)	128	⊙
HEIGHT (G)	4809	⊙
DANGEROUS		⊙
FRAGILE		⊙
THIS SIDE UP	true	⊙
BARS		⊙
DISPLAY SIDE		⊙
FOILED		⊙
QUANTITY	1	⊙
CRUSHABILITY LOAD		⊙
TRAY HEIGHT		⊙
ROBOT PROGRAM		⊙
ADP PROGRAM (KISOFT)		⊙
ADP HANDLING (KISOFT)		⊙
TOLERANCE WIDTH PLUS	✓ 30	⊙
TOLERANCE WIDTH MINUS	✓ 30	⊙
TOLERANCE LENGTH PLUS	✓ 30	⊙
TOLERANCE LENGTH MINUS	✓ 30	⊙
TOLERANCE HEIGHT PLUS	✓ 30	⊙
TOLERANCE HEIGHT MINUS	✓ 30	⊙
WIDTH BARS	✓	⊙
HEIGHT BARS	✓	⊙
WIDTH BARS	✓	⊙
TILTABLE	false	⊙
BRIDGE PERCENTAGE	95	⊙
OVERHANG PERCENTAGE	25	⊙
TRANSPARENT	false	⊙
FRICITION	5500	⊙
STAMP FORCE		⊙
ADP PROGRAM	✓ 14	⊙
STRENGTH	HARD	⊙
LOADING HINT	✓ ANY	⊙
AREA PRESSURE	✓	⊙
NARROWING	✓	⊙

Attributes

WIDTH (MM)	61	⊙
LENGTH (MM)	63	⊙
HEIGHT (MM)	123	⊙
HEIGHT (G)	395	⊙
DANGEROUS		⊙
FRAGILE		⊙
THIS SIDE UP		⊙
BARS		⊙
DISPLAY SIDE		⊙
FOILED		⊙
QUANTITY	12	⊙
CRUSHABILITY LOAD		⊙
TRAY HEIGHT		⊙
ROBOT PROGRAM		⊙
ADP PROGRAM (KISOFT)		⊙
ADP HANDLING (KISOFT)		⊙
TOLERANCE WIDTH PLUS	✓ 30	⊙
TOLERANCE WIDTH MINUS	✓ 30	⊙
TOLERANCE LENGTH PLUS	✓ 30	⊙
TOLERANCE LENGTH MINUS	✓ 30	⊙
TOLERANCE HEIGHT PLUS	✓ 30	⊙
TOLERANCE HEIGHT MINUS	✓ 30	⊙
WIDTH BARS	✓ 30	⊙
HEIGHT BARS	✓ 30	⊙
WIDTH BARS	✓ 30	⊙
TILTABLE	false	⊙
BRIDGE PERCENTAGE	95	⊙
OVERHANG PERCENTAGE	30	⊙
TRANSPARENT	false	⊙
FRICITION	0	⊙
STAMP FORCE		⊙
ADP PROGRAM	✓	⊙
STRENGTH	HARD	⊙
LOADING HINT	✓ ANY	⊙
AREA PRESSURE	✓	⊙
NARROWING	✓	⊙

Surfaces

Palet

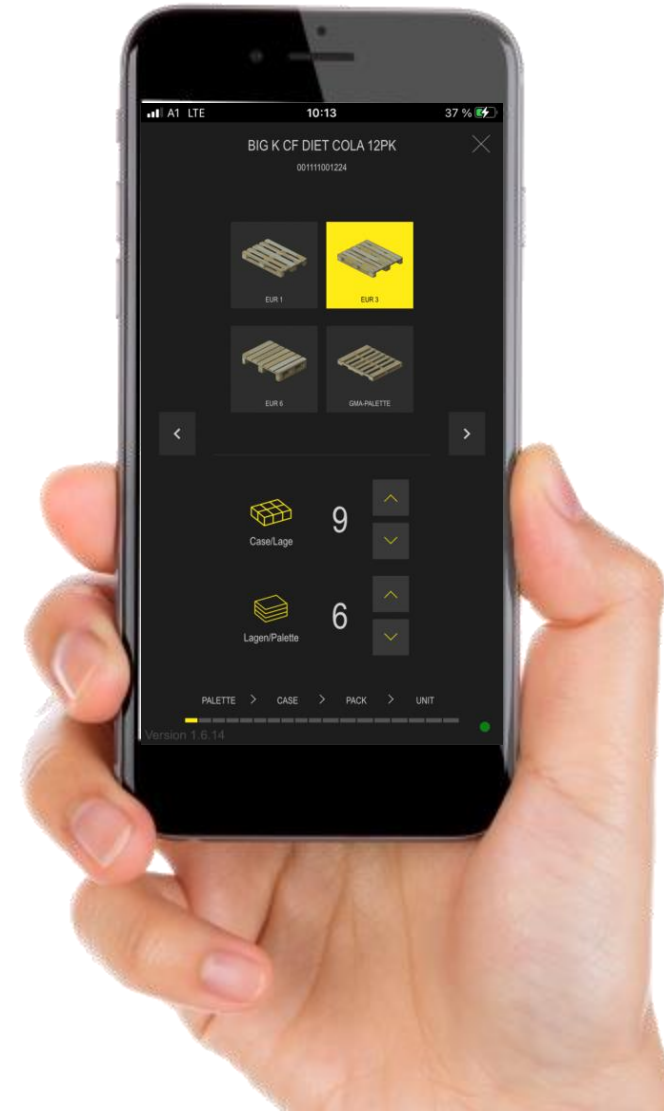
Palet / H / T1 Layers Slipsheets Slipsheets Durability Palet Images

Case

Case Type Dimensions Case Type Case Type Symbols Images

BUNDLE SLIPSHETS_UPPER	ANY	BUNDLE SLIPSHETS_UPPER	+	ALLOCATION	
BUNDLE BUNDLETYPE NAME	ANY	BUNDLE BUNDLETYPE NAME	+	ADPProgramManual	12
BUNDLE STRENGTH	-	HARD	+	BUNDLE HEIGHT	140
			+	ADP LOWERWEIGHTLIMTHARD	70
			+	ADP UPPERWEIGHTLIMTHARD	140
			+	BUNDLE HEIGHT	150
			+	ADP LOWERWEIGHTLIMTSOFT	140
			+	ADP UPPERWEIGHTLIMTSOFT	150

BUNDLE BUNDLETYPE NAME	-	TRAY	+	ALLOCATION	
BUNDLE FOILED	-	TRUE	+	BUNDLE HEIGHT	140
			+	ADP LOWERWEIGHTLIMSTRAY	140
			+	ADP UPPERWEIGHTLIMSTRAY	150



Guided Process

KiSoft Genomix App

Measurements

MultiScan, ProfileScan

Cameras

ivii iriis

Production System

Error Feedback

Data Lake

KiSoft Genomix Server

CLOUD

Multiple Warehouses

ERP

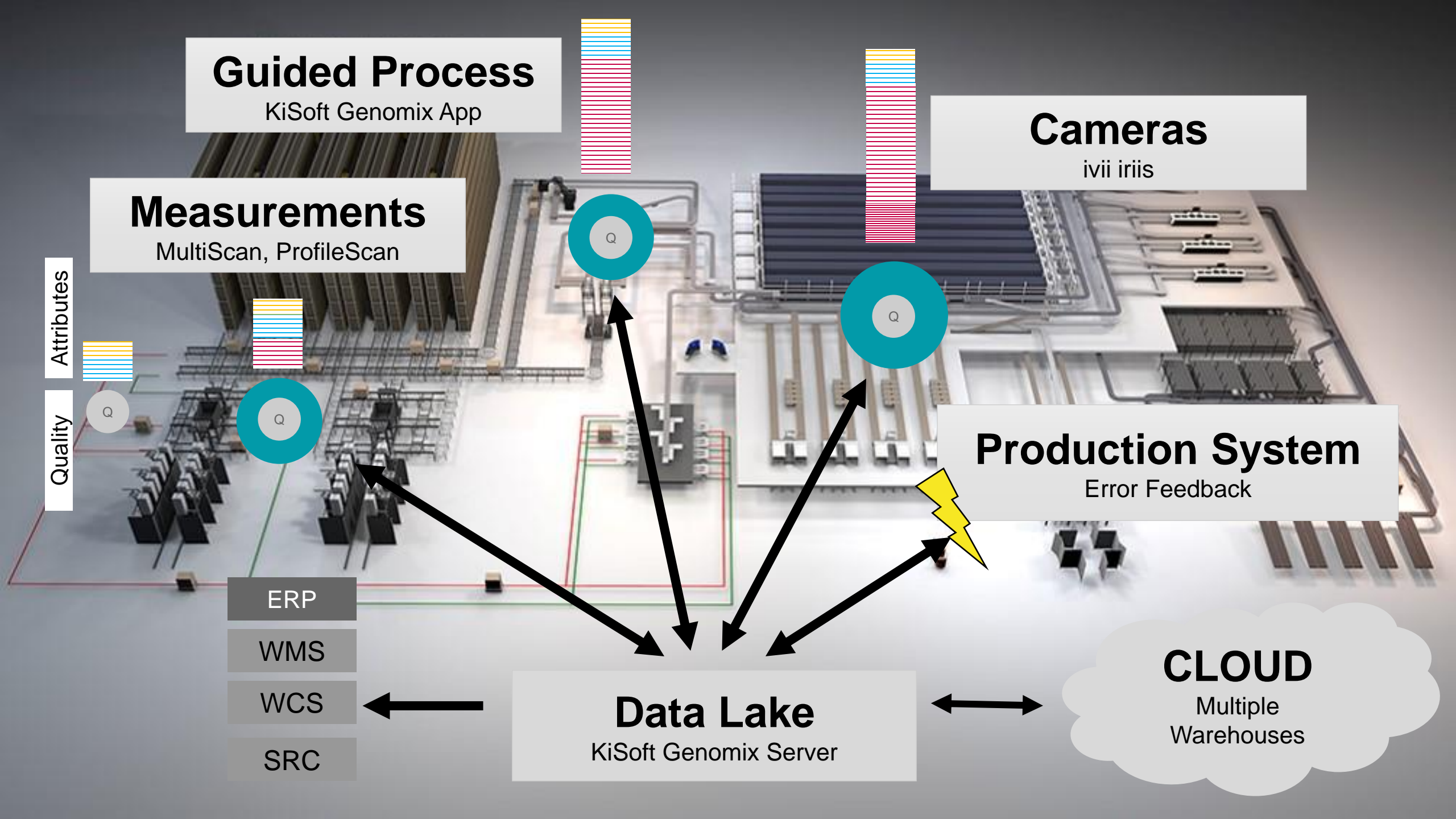
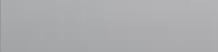
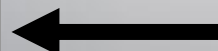
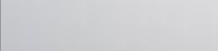
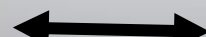
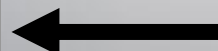
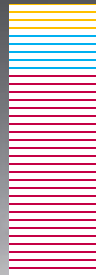
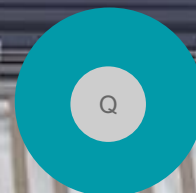
WMS

WCS

SRC

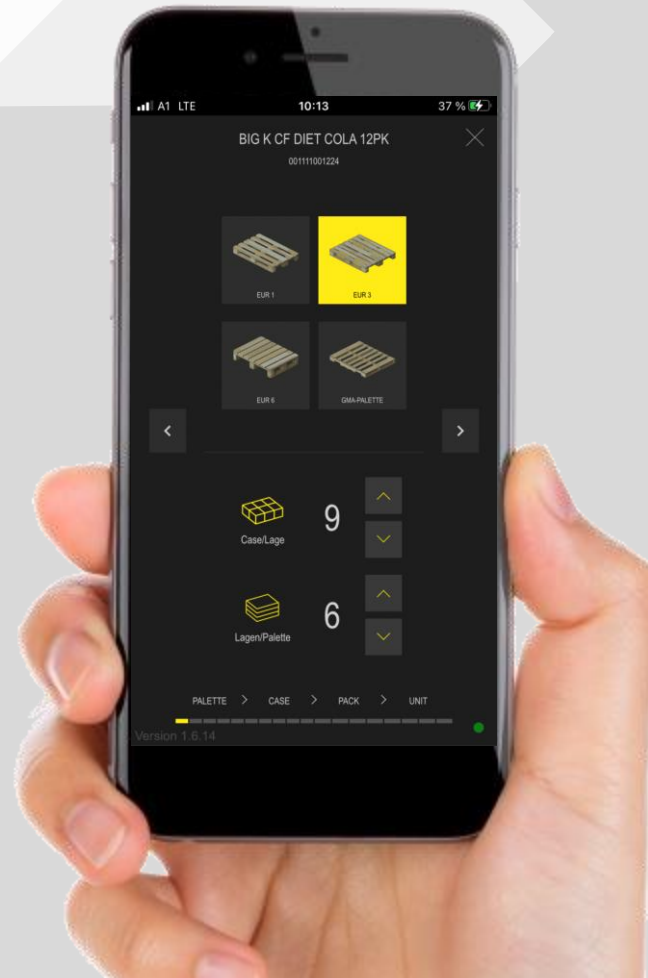
Attributes

Quality



KiSoft Genomix

DECODING ITEM DNA



Decouple data collecting and maintenance

Less than 5 min training for no experts

Configurable software runs on any OS and hardware and easy to integrate in legacy systems

Connects with sensor systems like KHT MultiScan or ivii iriis

Continuous improvement of data quality, with self learning algorithms

Data available across entire organization