

The future container handling solution

Exploring Innovation in Container TOS

TBA Group

DESIGN - IMPLEMENT - OPTIMISE

Innovation:

the introduction of new things, ideas or ways of doing something

(noun)



Machine Learning



Simple UX



Accuracy



Speed



Lightweight



Connected



We live in a **different world**

Old world

- Multiple systems
- Expensive infrastructure
- Disconnected
- Complex Processes

New world

- Single Interface
- Lightweight Servers
- Complete connectivity
- AI & Machine Learning

4 Design Principles for SUCCESS

Success starts with DESIGN



DESIGNED FOR SPEED: THE
FASTEST SYSTEM OF ITS KIND



DESIGNED FOR
SIMPLICITY IN USE



INTEGRATED SYSTEM
FROM A USER POINT OF VIEW



DESIGNED FOR
OPERATIONAL PERFORMANCE



Design for speed



Smart Modern architecture

Unlocks the potential for the next leap



Modular over Monolithic

FACILITATES DEVELOPMENT
WITHIN OPERATION AND
TECHNOLOGICAL ADVANCES



Introduce speed where it belongs

SET A STANDARD FOR
SYSTEM SPEED IN MILLISECS
ONLY WHEN IT MATTERS



Modern tech for Modern Ops

AUTOMATION IN THE CORE,
NOT JUST ADDED.



One story for one System

THE SOFTWARE DEV CHAIN
NEEDS TO BE COMMITTED TO
THE SAME SOLUTION



Simplicity

The complex

Simply made simple



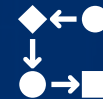
UX Design

DESIGN FROM A USER
EXPERIENCE TO TRULY
SUPPORT THEIR ROLE



Pro-active Planning

BEHAVIOUR BASED DECISIONS
ELIMINATES PARAMETER
COMPLEXITY



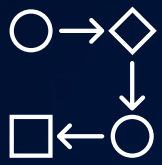
Standardisation

SIMILAR LOOK AND FEEL
THROUGHOUT THE TOTAL USER
INTERFACE



Tailored data access

DELIVER THE RIGHT DATA TO
REACH THE GOAL



Integrated systems from a User Point of View



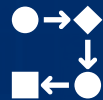
Advanced

Workflows made tangible



Workflows Span Larger Area

REMOVES NEED FOR MULTI-SOLUTION APPROACHES



Integrated User Interface

CONNECTION BETWEEN SYSTEM FOR SEAMLESS WORKFLOW MANAGEMENT



Guided Tasks

SINGLE USER TASK WITH GUIDANCE WITHIN SYSTEM



The Business is the Goal



Proven approach to ensure

Operational performance



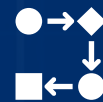
Full Operational Scope

CONSIDERS ALL STS WORK
QUEUES & TRANSFER AREAS



Utilise Big Data

MACHINE LEARNING DEFINES
SMARTER OPERATING
PROCEDURES



Advanced Flows

EXCEPTIONS TREATED AS
ALTERNATE FLOWS

Key take aways

Join the Evolution



Wim Verdonck
Head of Container TOS
TBA-Konecranes

- Investing more time in Use Case Preparation, tell the story
- Close/Different partnership created between Customer and Supplier
- Large positive impact on Operational Stress leads to better decisions
- Faster Go live ramp up
- Much lower error rate resulting in performance loss
- Prepare for a solution that is fit for cooperation



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