DIGITAL
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Port of
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HaROLD

DIGITAL BUSINESS SOLUTIONS

Port of Rotterdam

ELETA Workshop

February 2018

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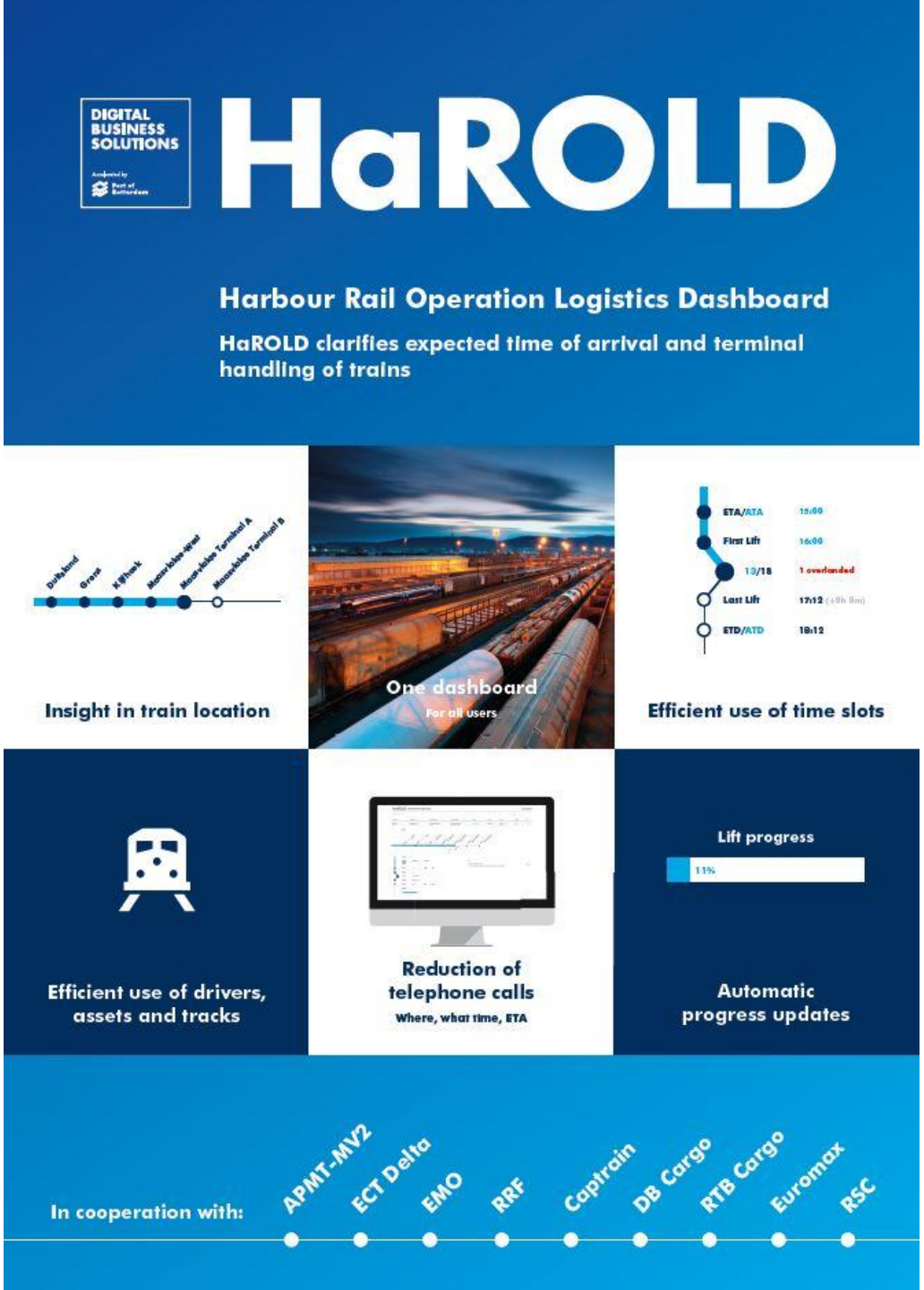
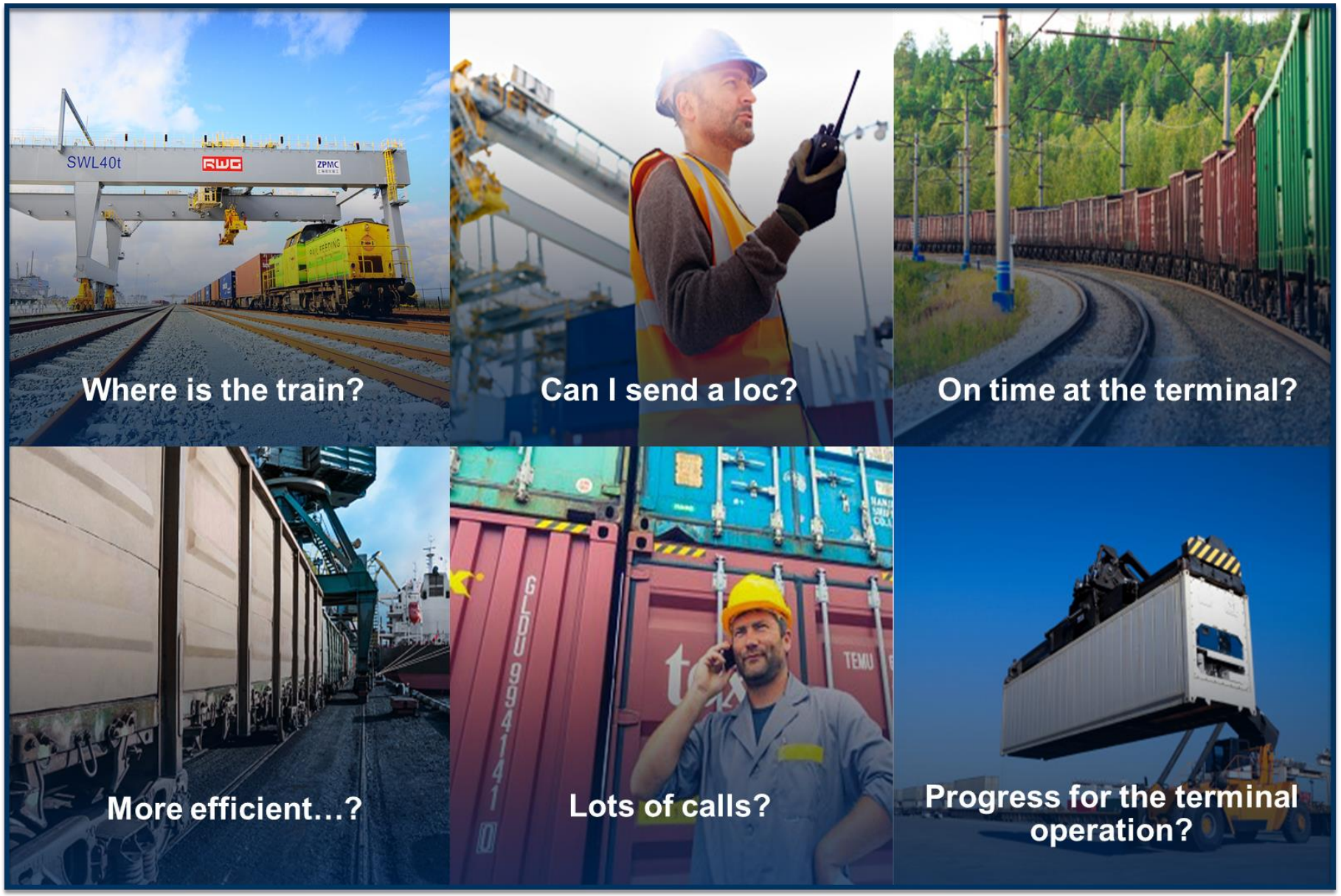


Goal of HaROLD
is to gain insight in the ETA and operational handling of trains at terminals



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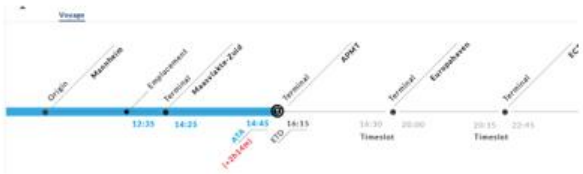
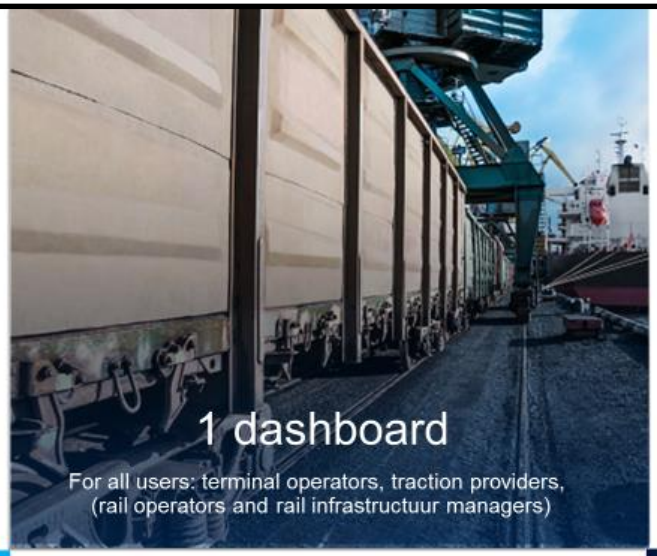
Goal of HaROLD

By providing a dashboard to both terminals and traction providers with the same information



Insight in the train location



1 dashboard

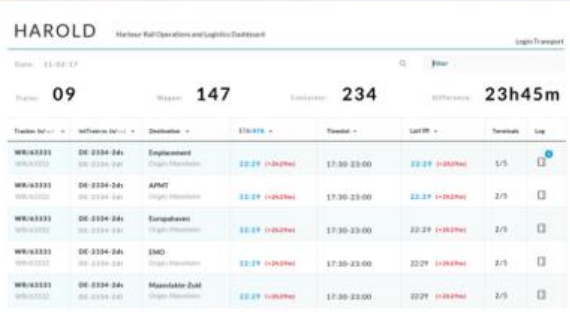
For all users: terminal operators, traction providers, (rail operators and rail infrastructuur managers)

Efficient utilization time slots

When planned ETA is not achievable.

Efficent use of drivers, assets and tracks
Efficiëntere inzet

To decrease terminal stay



Reduction of telephone calls

Where, what time, ETA

Automatic progress updates

A hour for end operations een automatic message to the tracktion provider

HaROLD in action

Thank you!

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In short: HaROLD

HaROLD is the Harbour Rail Operations and Logistics Dashboard. This dashboard is created to gain insight in the train (voyage) and the handling at the terminal. It shows the voyage and handling data based on the planned and actual event data of various traction providers.

HaROLD is one of the many projects within the Digital Business Solutions (DBS) department of the Port of Rotterdam. Within DBS we operate based on an agile methodology. Products are rapidly developed with a (small) group of driven parties. If the products are proven successful they are extended and scaled up.

At this moment HaROLD is used by traction providers and terminals (4 container terminals, 1 dry bulk terminal and 4 traction providers). Each party has its own login. The traction provider and the terminal each have their own “view” that corresponds to their (data) needs. The participating parties can only see the trains that in which they have involvement in.