

# Innovative projects in the city and port of Antwerp

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*Jan Van der Borgh – Port representative*



✈️ 05 min 37 sec BEFORE ARRIVAL

✈️ 08 min 07 sec SINCE DEPARTURE

✈️ 1,214 KWH GAINED

✖️ 04 TABLES LEFT

✖️ FULLY BOOKED

⛽ 432 METER TO THE CHEAPEST DIESEL

🚦 04 RED LIGHTS ON YOUR WAY

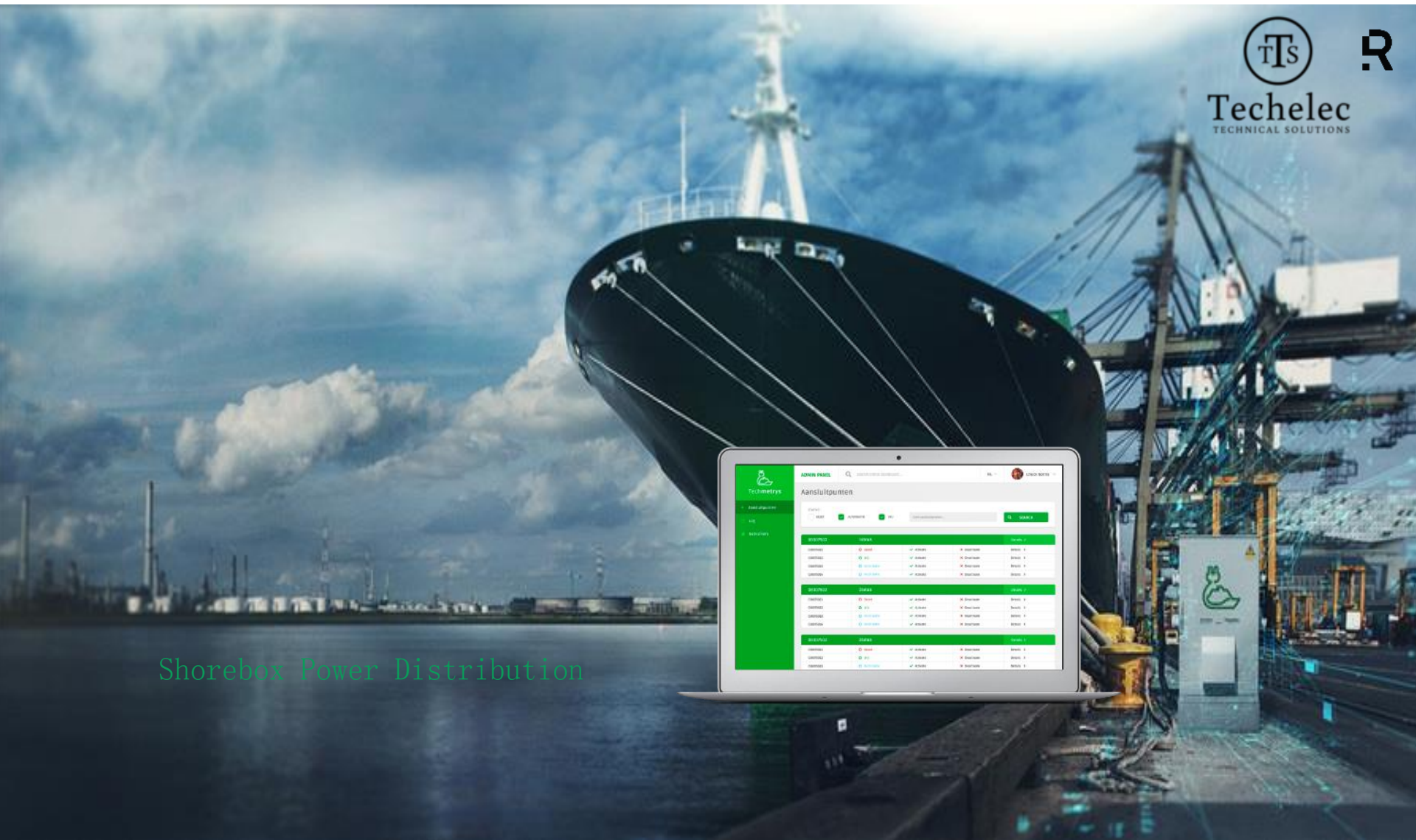
🚶 YOU WALKED 1894 METER SO FAR

📦 YOUR PACKAGE WILL ARRIVE IN 15 MIN

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# Antwerp, a city and harbour of 'Internet of Things'

# Smart Docking Platform



Shorebox Power Distribution

ADMIN PANEL

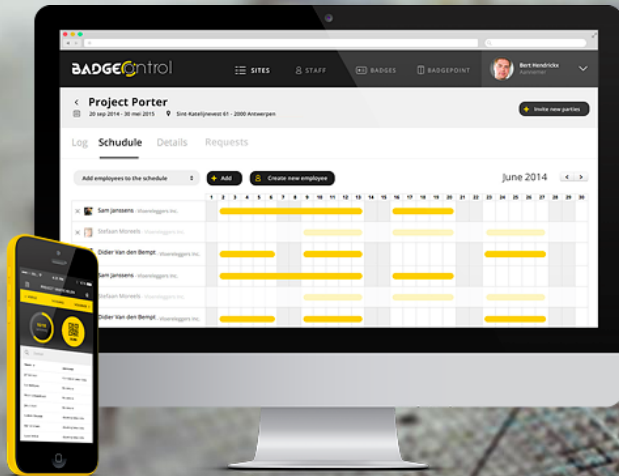
Aansluitpunten

STATION	TOEGANG	TOEGANG	TOEGANG	TOEGANG
STATION 1	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4
STATION 2	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4
STATION 3	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4
STATION 4	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4
STATION 5	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4
STATION 6	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4
STATION 7	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4
STATION 8	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4
STATION 9	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4
STATION 10	TOEGANG 1	TOEGANG 2	TOEGANG 3	TOEGANG 4

# Smart Safety & Registration



Real-time access and registration management



# Argus - full automation of sea locks & bridges

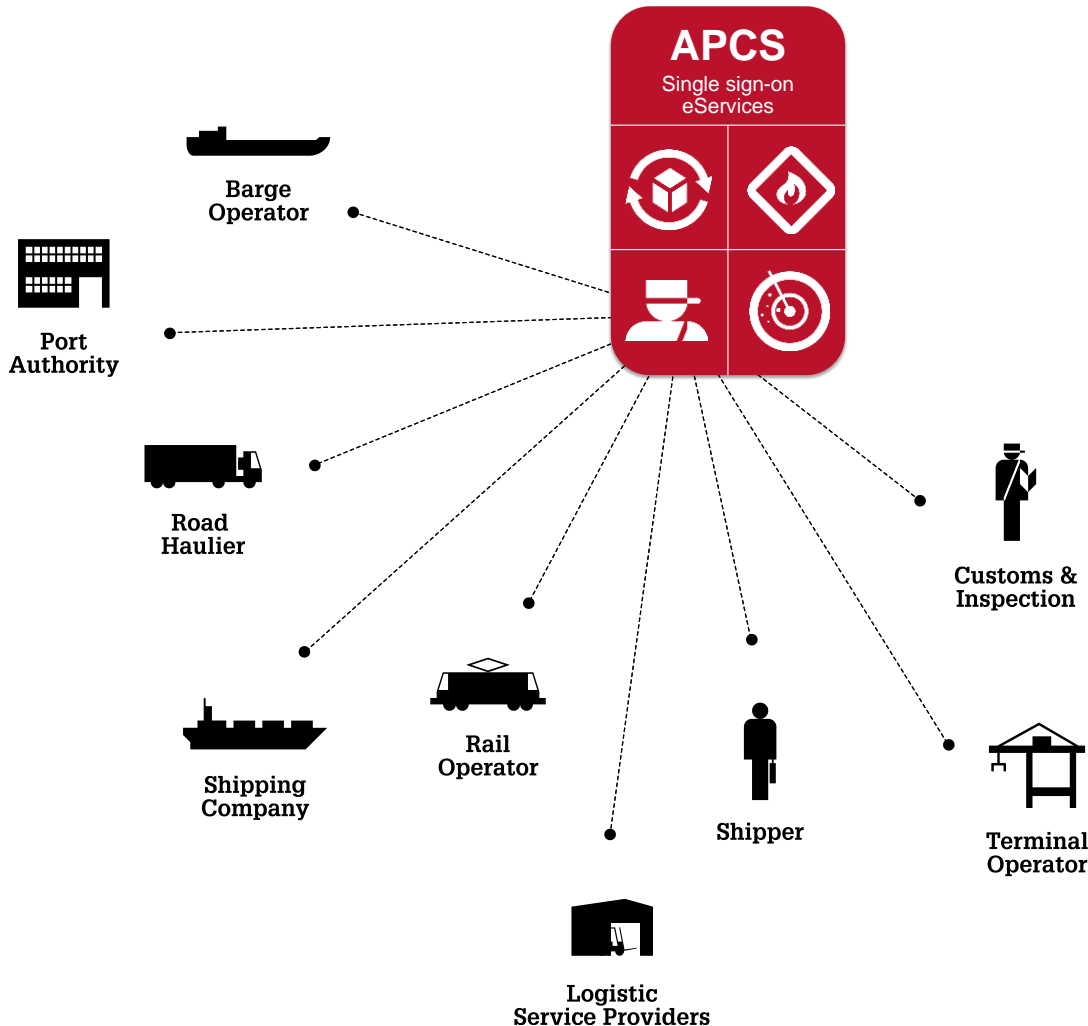




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## Big data applications for smart logistics

# Antwerp Port Community System:



*Smart electronic solutions for transparent logistic flows*

- Standard exchangeable messages (EDI/XML)
- Software applications





# e-Desk: paperless flow for export and transit declarations



## What is e-Desk?

An easy and free web application allowing users to notify the terminal operator about upcoming cargo and to pass declaration details electronically.



**EXPORT  
DECLARATION**  
@ Customs  
export office

**e-DESK  
SECURE DATA  
TRANSMISSION**

**NOTIFICATION**  
@ customs exit office

**EXIT  
CONFIRMATION**  
customs exit @  
export

**CLEARANCE**

[www.portofantwerp.com/register](http://www.portofantwerp.com/register)

# NxtPort – Data utility platform



**THE FUTURE STARTS TODAY**



NxtPort

**THANK YOU**

Everything is  
Possible at the  **Port of  
Antwerp**