From Country Digital Acceleration in the Netherlands to Digitizing the Port of Rotterdam

“Speed and efficiency are essential to our business, and requires us to use all of the data available to us. Thanks to real-time information about infrastructure, water, air, etc., we can enormously improve the service we provide to everyone who uses the port, and prepare to embrace the connected, autonomous shipping of the future.”

– Paul Smith, CEO, Port of Rotterdam Authority

BLUEPRINT

The Netherlands Country Digital Acceleration program is embedding secure networking and smart technologies to improve efficiency of the Dutch transport system, helping to move the country toward becoming a logistics center of excellence for Europe.

“...in order for our businesses, citizens, research institutes, and local governments to get the most benefit from new applications, revenue models, and jobs.”

– Mark Rutte, Prime Minister of The Netherlands

WHAT’S HAPPENING NOW IN THE NETHERLANDS

Economists estimate that each 1% increase in productivity in transports can add €110 billion to the Dutch economy.

EDUCATION

Reverse IT skills shortage by doubling Networking Academies and deploying Smart Campus capabilities at educational institutions.

SECURITY

Elevate the country as the secure gateway to Europe.

INNOVATION

Provide Dutch start-ups with access to Cisco’s European Venture Capital initiative and expand existing partnership with the country’s StartupDelta initiative.

HEALTHCARE

Connect chronically ill and elderly individuals with direct access to their own medical data.

TRANSPORTATION

Make transport systems more efficient and help move the country toward its goals as a transit gateway for Europe.

DIGITIZING THE PORT OF ROTTERDAM

DIGITAL ACCELERATION

The port is preparing for the energy transition and berthing of autonomous ships by 2030. More than 200 IoT related ideas have been proposed and a 10-year strategic partnership with Cisco, IBM and ESRI enables the port to make it happen.

A PLATFORM FOR SUCCESS

Using the Cisco Kinetic™ platform, together with IBM Watson IoT and ESRI’s ArcGIS services, the port authority has real-time decision levels to support operational conditions that allow the journey of a ship into the port, including: height of tide, tidal streams, wind conditions, visibility and more.

“We need to accelerate our digitization, in order for our businesses, citizens, research institutes, and local governments to get the most benefit from new applications, revenue models, and jobs.”

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