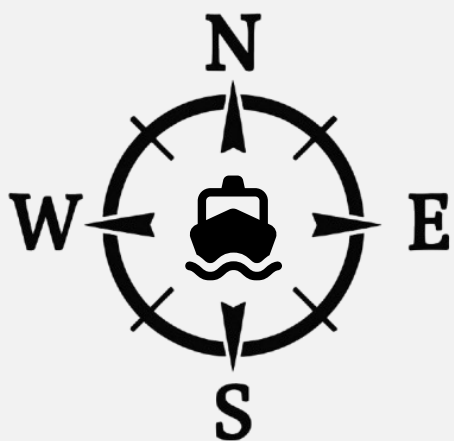




SmartPort



BROCK
solutions



Navigating Tomorrow:

Charting a Course for
Digitisation and Innovation



Maddy Bosch





SmartPort



BROCK
solutions



Terminal Automation Matters



Take One Bite at a Time



Brock Can Help You Go Faster





**Smarter Load
Management**



**Decrease Yard
Dwell Time**



**Less Idling &
Less Fuel**



**Improved
Freight Tracking**

Terminal Automation Matters



**Faster Vessel
Turn Times**



**Trucks In &
Out Faster**



**Free-Flow at
the Gate**



**End-to-End
Operational
Visibility**



Digital Transformations Can Be Choppy Waters



**Lots of activity but
projects often get
stuck**

Brock quickly understood the complexity of our operations and the challenge we were facing. Their partnership helped us deliver on time and set us up for future digital transformation, an important step toward our 2050 Masterplan and our vision for a smarter, more sustainable Port of Dover.



**PORT OF
DOVER**

Simon Revell,
Digital Program Manager

Our Perspectives



Doing Too Much at Once



Overly Focused on Technology, Not Operational Value



Lack of Standards and Integration



Many Different Operational Stakeholders



“Engage the Right Partner”

Brock Can Help You Go Faster



Bring Experience from Relevant Industries



Bring Tools and Innovative Solutions



Approach is Centered on Each Customer's Unique Operations and Value

Pick the Right Piece to Start With

Take It One Bite (Byte) at a Time & Work Toward Your End Goal



Vessel Loading



Berth Management



Bookings Integrations



Data-Driven Operations



Automated Yard Management



AI Trailer Recognition



Free Flow Gate Operations



Examples of Innovations



SmartPort

Free Flow at Gates

Faster Processing with Trailer ID Recognition





SmartPort

Real-Time Yard Visibility

Track Every Trailer in Real-Time for Faster Loading



SmartPort

mbosch

Traffic Coordinator

Brook Vessel 29/10/2025 19:30 [Change Berthing](#)

Accompanied 18 / 18 Unaccompanied 31 / 31 Unaccompanied Not in Port 13 Not Confirmed 0

[Add New Vehicle](#)

Accompanied **Unaccompanied** **Information** **Damage Reports (0)** **Historical**

Vehicle ID	Empty/Full	Vehicle Type	Status	Yard Location	Actions
BR1000	Drop Trailer (Full)		Status In Port	Yard Location Export - A1 - 102	Load Info
BR2000	Drop Trailer (Full)		Status In Port	Yard Location Export - A1 - 105	Load Info
BR3000H	Drop Trailer (Full)		Status In Port	Yard Location Export - A2 - 202	Load Info
BR4000	Drop Trailer (Full)		Status In Port	Yard Location Export - A1 - 104	Load Info
BR6000	Drop Trailer (Full)		Status In Port	Yard Location Export - A3	Load Info
BR7000	Drop Trailer (Full)		Status In Port	Yard Location Export - A1 - 103	Load Info
BR8000	Drop Trailer (Full)		Status In Port	Yard Location Export - A1	Load Info
BR9000	Drop Trailer (Empty)		Status In Port	Yard Location Export	Load Info
BR9001	Drop Trailer (Full)		Status In Port	Yard Location Export	Load Info



SmartPort

Bringing Innovations From Other Industries

SmartSuite

Flight Monitoring Turn Outbound Inbound

Dashboard Filters: Next 60 Minutes, +1 other filters

Flight	Dest	ETD	ETA	Market	File	Terminal	Gate	Load Status	Aircraft Type	Loaded	To Load	On to Load	Not On to Load	Staged	To Staged	Total Expected	Critical	Advisory
✱ 88X044	YVR	09:20	09:20	DOM	N12388	7	16	Loading	321	5	5	15	5	28	20	20	0	0
✱ 88X040	YVR	09:20	09:20	DOM	N12388	2	6	Loading	330	4	4	11	12	30	30	40	0	0
✱ 88X046	JFK	09:26	09:30	INT	N13089	1	3	Loading	329	2	2	24	10	25	20	30	1	1
✱ 88X103	YVR	09:40	09:40	DOM	N12388	3	20	Loading	330	6	6	16	20	64	64	64	1	1
✱ 88X108	YVR	10:00	10:00	DOM	N14389	1	17	Loading	330	2	2	18	19	23	23	30	2	2
✱ 88X246	YVJ	10:20	10:20	INT	N18389	2	18	Loading	330	4	4	30	5	28	28	39	0	0
✱ 88X206	YVR	10:30	10:30	DOM	N12388	3	5	Loading	321	20	20	126	25	84	84	150	0	0
✱ 88X208	YVR	10:40	10:40	DOM	N13489	1	10	Pending	330	20	20	126	30	86	86	180	0	0
✱ 88X301	YVR	11:00	10:30	DOM	N13689	1	4	Pending	330	0	0	22	8	10	10	30	0	0
✱ 88X329	YVR	11:10	11:10	INT	N15189	2	14	Pending	330	0	0	40	10	8	8	50	1	1
✱ 88X349	YVR	11:20	11:20	INT	N16389	1	10	Pending	330	0	0	40	10	8	8	50	0	0
✱ 88X375	YVR	11:20	11:20	DOM	N15289	3	6	Pending	330	0	0	20	8	6	6	28	2	2
✱ 88X378	YVR	11:40	11:40	DOM	N18189	2	6	Pending	330	0	0	25	7	7	7	30	0	0
✱ 88X480	LAX	11:40	11:40	INT	N18389	1	3	Pending	330	0	0	25	5	5	5	30	0	0
✱ 88X482	YVR	11:50	11:50	DOM	N18389	2	8	Pending	321	0	0	38	7	6	6	40	0	0
✱ 88X523	YVR	12:20	12:20	DOM	N18389	3	7	Pending	321	0	0	60	15	4	4	80	0	0

Customs Declaration

Passenger information

Enter your country of nationality
Canada

What country did you start your journey from?

Are you a visitor to Ireland?
☒ Yes ☐ No

What is your planned date of departure from Ireland

Before answering the following questions please read Public Notice 1878A which gives detailed information for travelers arriving in Ireland from outside the European Union

Does the baggage listed contain the following goods?
☒ Yes ☐ No

1. Prohibited or restricted goods

Description
Quantity

Country where obtained
Cost or est. value in Euro (€)

2. Excise goods
☐ Yes ☐ No

3. Goods in excess of the monetary allowances indicated in paragraph 4 (i) of notice 1878A
☐ Yes ☐ No

WARNING: Baggage is examined by Customs and there are heavy penalties for making false declarations

CUSTOMS DECLARATION SIGN-OFF
☐ I have read and agreed to the terms specified in the declaration

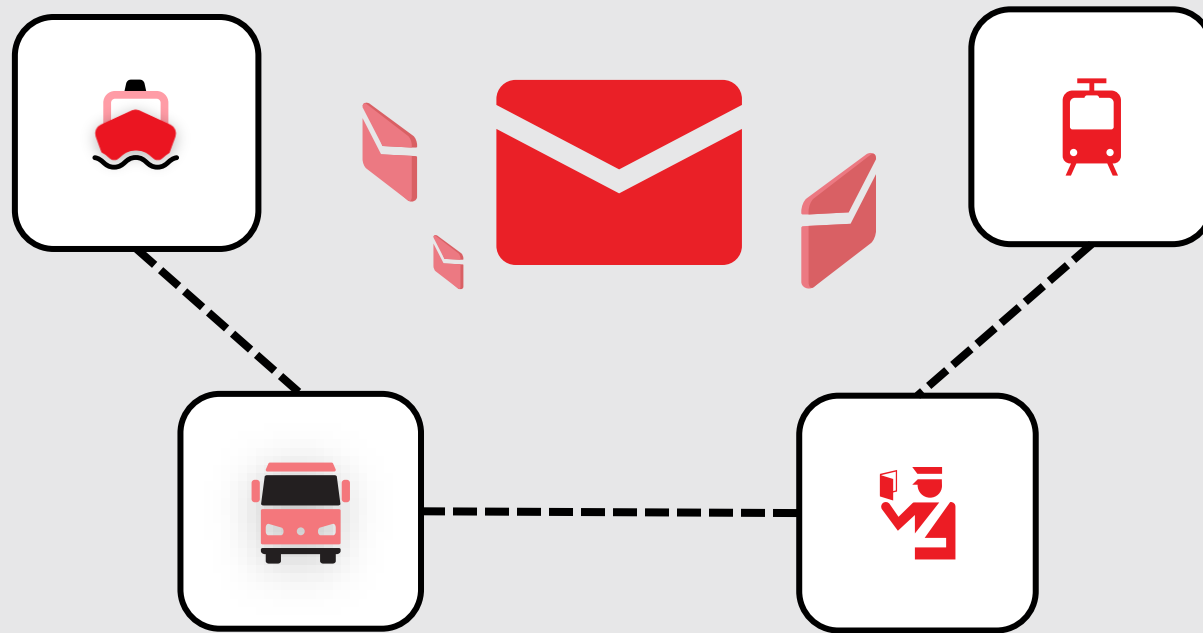
Clear

Cancel Submit Report



Connecting Systems

Leveraging & Sharing Data



Unified Enterprise Layer



IoT



Cloud Based



Central Web Client



Network-
Level View



End-to-End Track
& Trace



Centralized &
Standardized Reporting

Port A



Port B



Port C



Port D



Flexibility in the Cloud



Secure & Scalable



SmartPort



BROCK
solutions



Terminal Automation Matters



Take One Bite at a Time



Brock Can Help You Go Faster





SmartPort



BROCK
solutions

Large Digital Transformations



MAERSK



DublinAirport

Aer Lingus



DELTA

American Airlines



Copa Airlines



PORT OF
DOVER



Rosslare
Europort

DFW

DALLAS
FORT WORTH
INTERNATIONAL
AIRPORT



AIR CANADA

Hartsfield-Jackson
Atlanta International Airport



BRITISH AIRWAYS

Toronto Pearson



O'HARE
INTERNATIONAL AIRPORT



Transportation
Security
Administration



jetBlue
AIRWAYS

YYC

CALGARY
AIRPORT
AUTHORITY



UNITED



JOHN F. KENNEDY
INTERNATIONAL
AIRPORT



LaGuardia
Airport

35+
Years

1000+
Employees

\$250M+
Turnover

One Last Thing...



Why does Sweden put barcodes on their ships?



**Why does Sweden put barcodes on their ships?
To "Scan-Da-Navy-In"**



SmartPort



BROCK solutions

Thank You!

Let's Continue the Conversation

Questions or Ideas?
Schedule a site visit
or request a call



Maddy Bosch

mbosch@brocksolutions.com



Greg Cantlon

gcantlon@brocksolutions.com



Eric Bird

ebird@brocksolutions.com