

Airport integration, how it began

The essential partnership

Matthis Birenheide
NM – Head of Airports (a.i.)
25/01/2018

Integration of airports with the network



Network Manager
nominated by
the European Commission

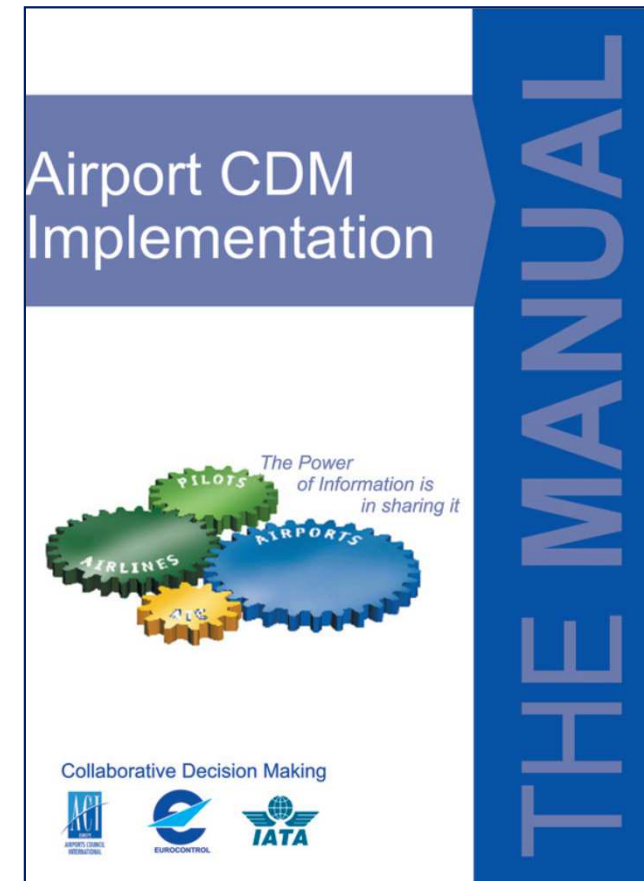
How the story began...

A-CDM Development History



Network Manager
nominated by
the European Commission

- **End of '90** – First beginnings
 - Calculated Off Block (COB) procedure at Munich Airport
- **2003** - Airport CDM emerges
 - EUROCONTROL Concept of Operations and Functional Requirements published
- **2005** - First A-CDM Manual published



A-CDM Implementation History

- **2004** - Airport CDM cooperation starts
 - EUROCONTROL, Munich (FMG), DFS
- **2007** - First fully implemented A-CDM airport
 - Munich (FMG) connected to NM systems



A-CDM Implementation Evolution



Network Manager
nominated by
the European Commission

- 2007 – **1** airport
- 2010 – **3** airports
- 2013 – **8** airports
- 2015 – **18** airports
- 2017 – **26** airports



- 2017 – A-CDM published in the ICAO ATFM Manual

Global Implementation

- Implemented - Auckland, Singapore, Hong Kong
- Interest expressed – Asia Pacific, Middle East, North America, South America



Airport integration, how it began

Where we are today



- EUROPE is leading and successfully exporting A-CDM
- NM secures that the concept remains consistent globally
- Harmonisation has become an issue
- NM leads harmonisation through:
 - A-CDM Harmonisation Task Force
 - A-CDM DPI Working Group
 - Close collaboration with ODSG (Flow Managers)
 - Participation to A-CDM Airline Coordination Group (AACG)



Network Manager
nominated by
the European Commission

Your Voice...

Airport integration, how it began

