Implementation of an AIXM-based GIS Environment

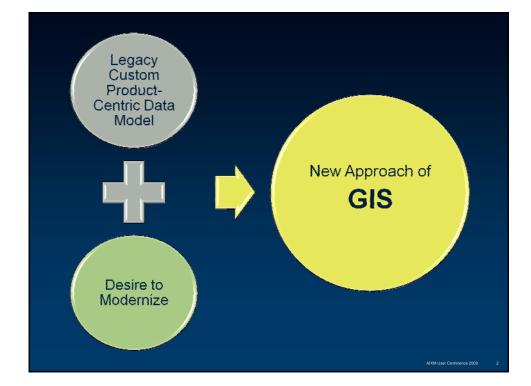
A look at the collaborative integration of AIXM by ESRI, Safe Software and Aena

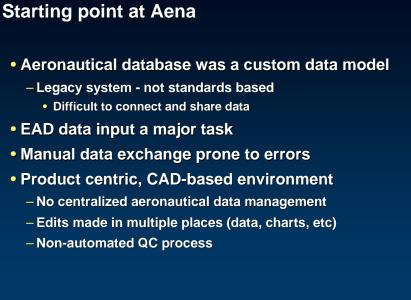
Sean Grant and Mita Hajirakar



Aena Aeropuertos Españoles y Navegación Aérea



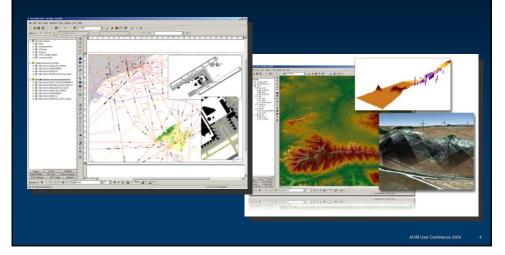


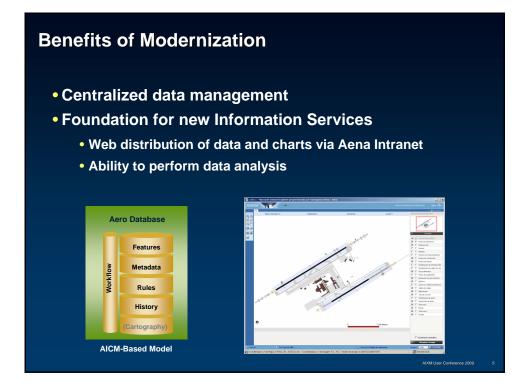


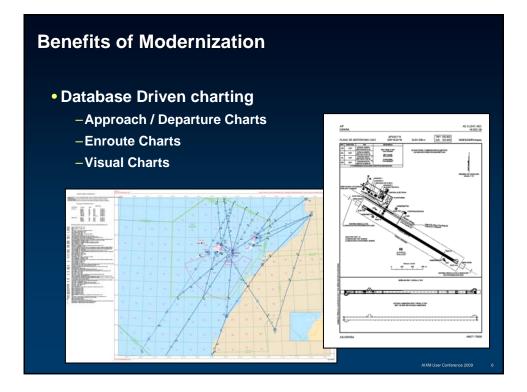
Labor Intensive.....Low Productivity!

Aena's Vision

Modernize current system to a GIS-based approach to managing aeronautical data and products

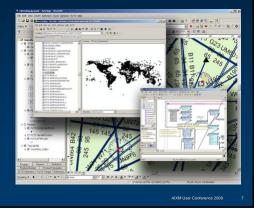






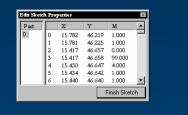
Building the Central Geodatabase

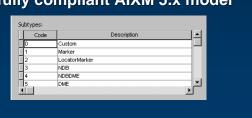
- Used ESRI AIS data model (AIXM 4.5 compliant) as initial data model
 - Took advantage of automated data loading functionality
 - Extendable to suit needs
 - FME AIXM reader/writer from Safe Software crucial to loading process



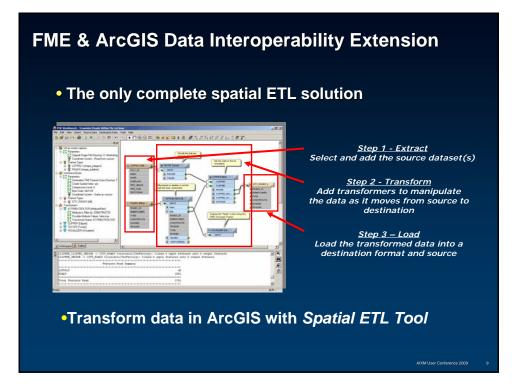
Working with the AIS Data Model

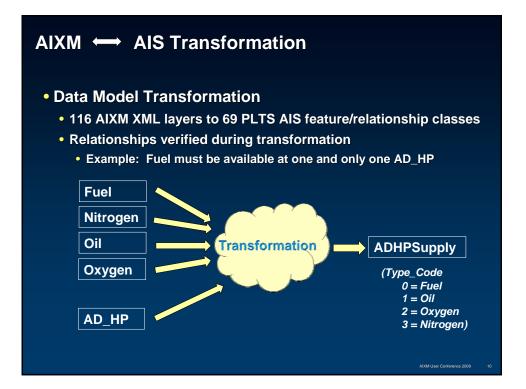
- Geodatabase management made easy
 - Geodatabase subtyping
 - Measure (M-value)
- Extensibility of AIS model for eTOD support
 - Expanded domain support for Obstacles, Navaids, Airspace and Airports
- One step closer to a fully compliant AIXM 5.x model

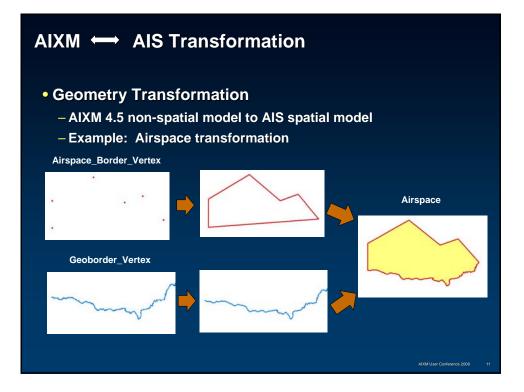


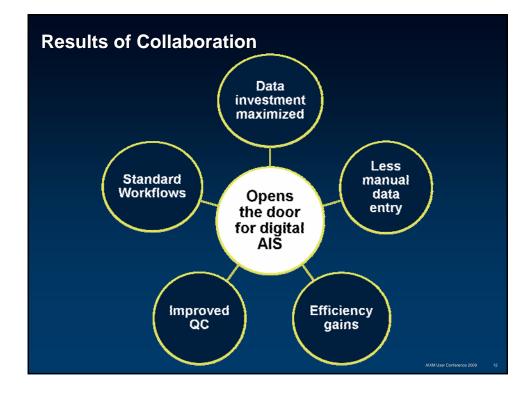


M User Conference 2009









Thank you!

Questions?

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