

Digital NOTAM Workshop
20 May 2014

Digital SNOWTAM WFS service

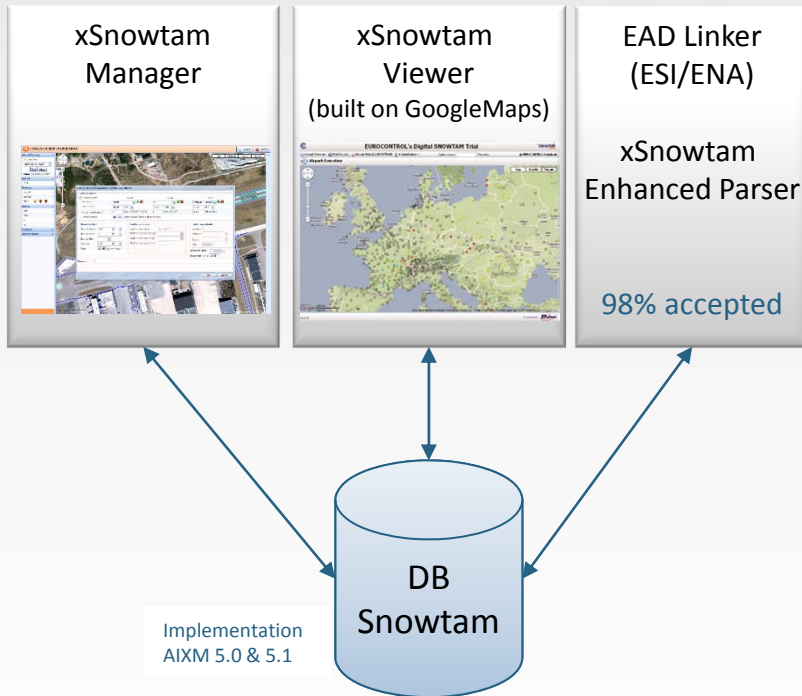


Presentation topics

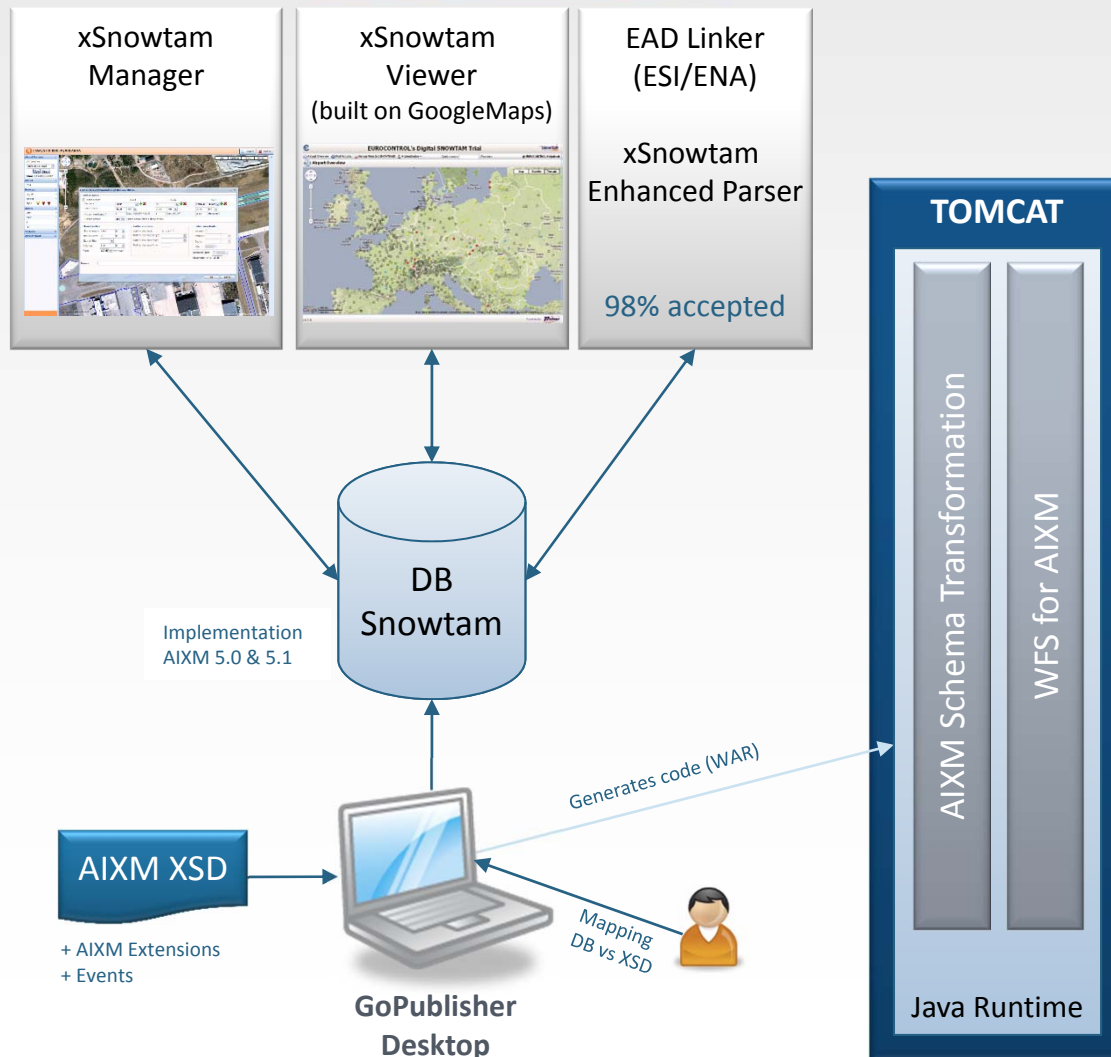


- Pre-Operational xSnowtam application
- WFS Design Time
- WFS Run Time
- User Test Time
- Demo
- User Implementation Time
- Other NOTAM or AIXM Architecture
- Known limitation
- Conclusion
- Questions & Answers

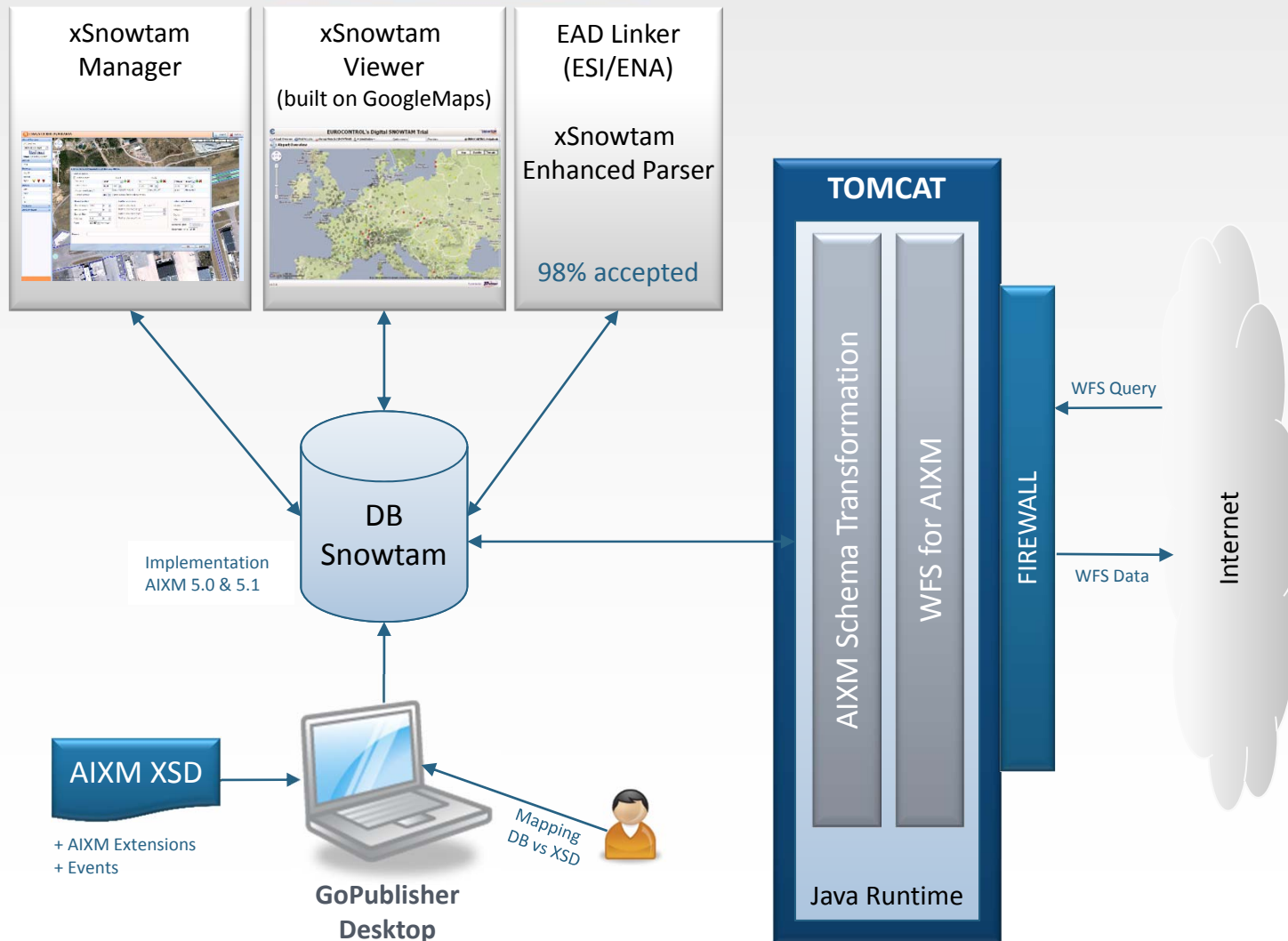
xSNOWTAM : Pre-Operational system



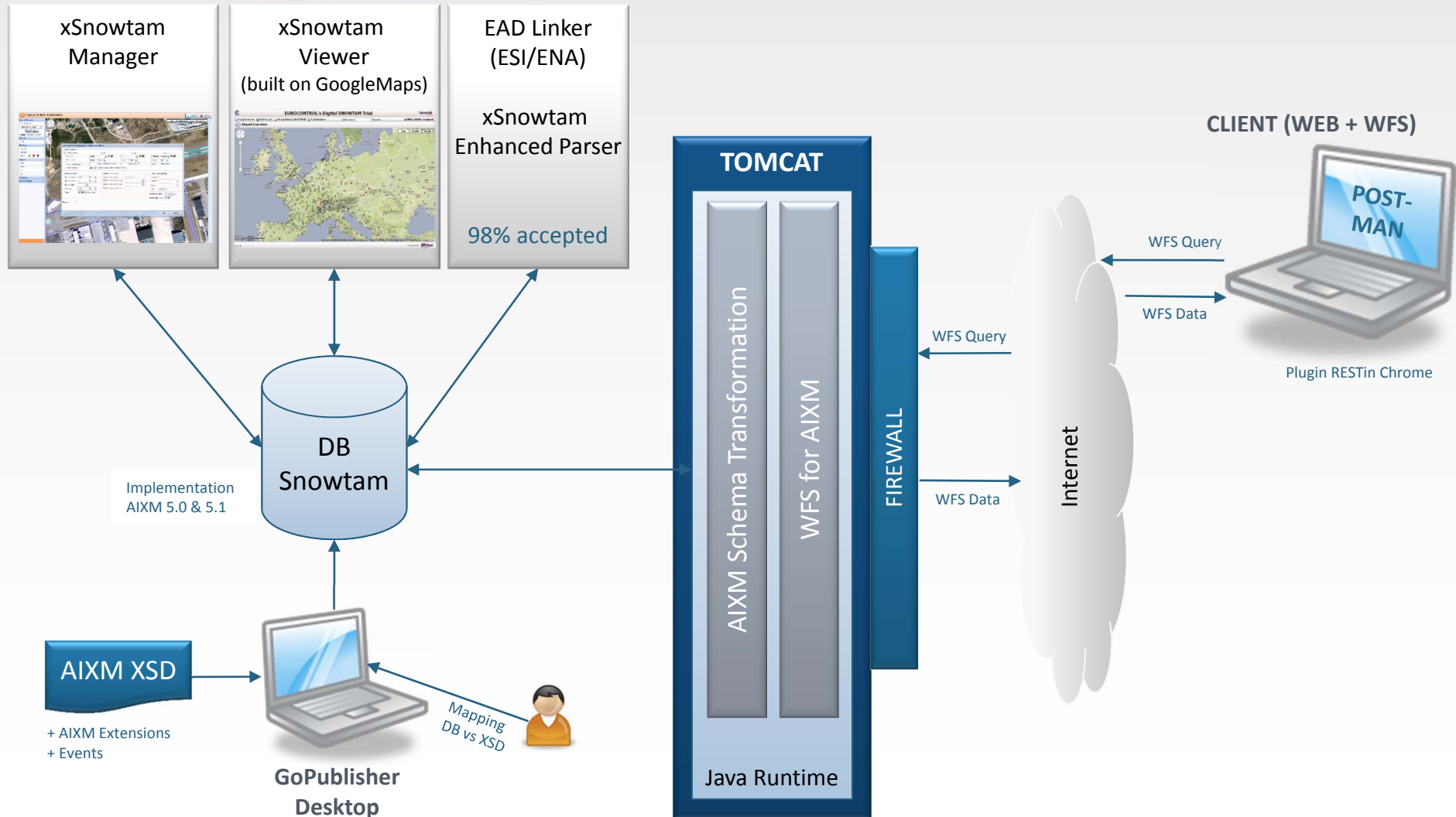
SNOWTAM WFS : Design Time



SNOWTAM WFS : Run Time



SNOWTAM WFS : User Test Time

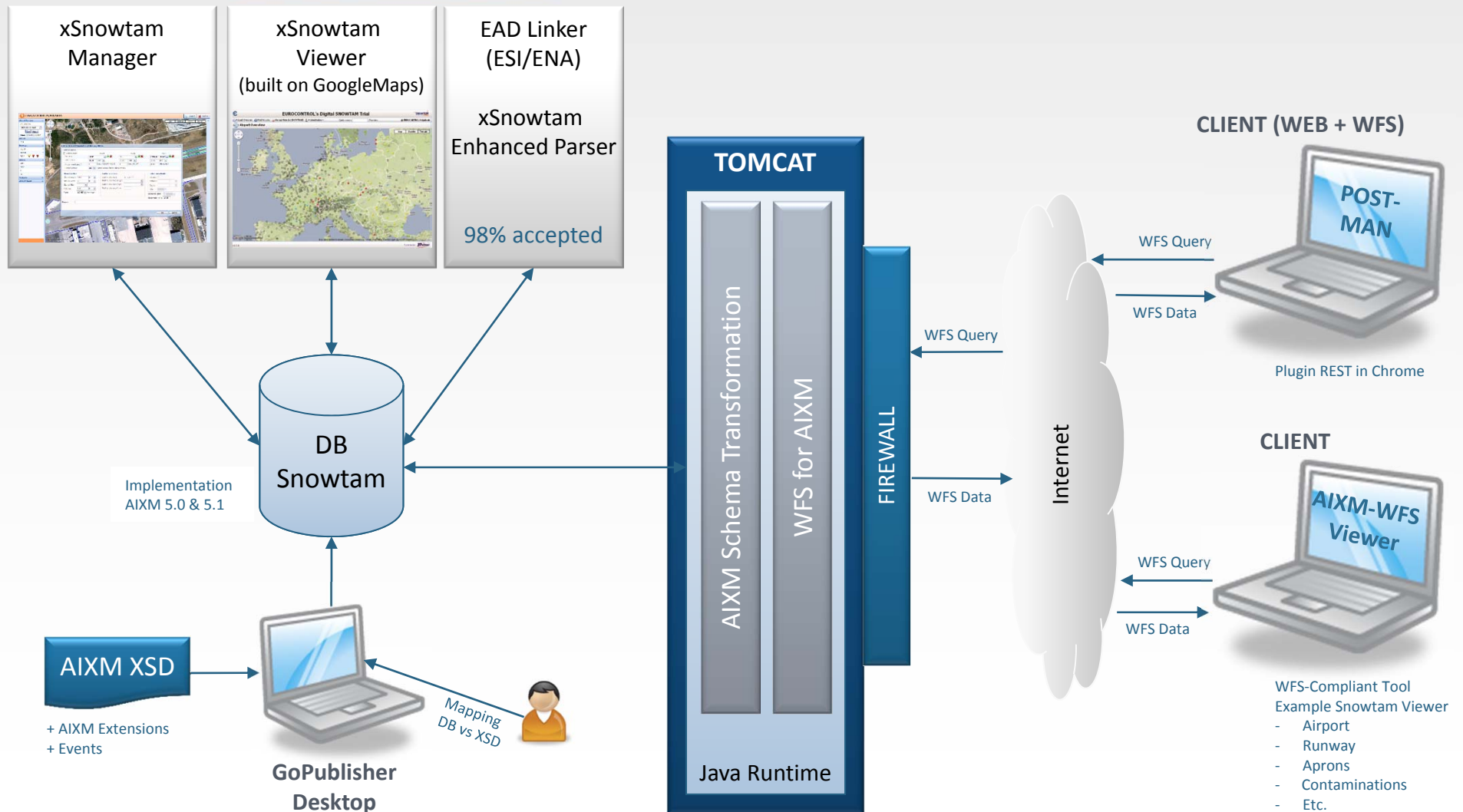


Demo

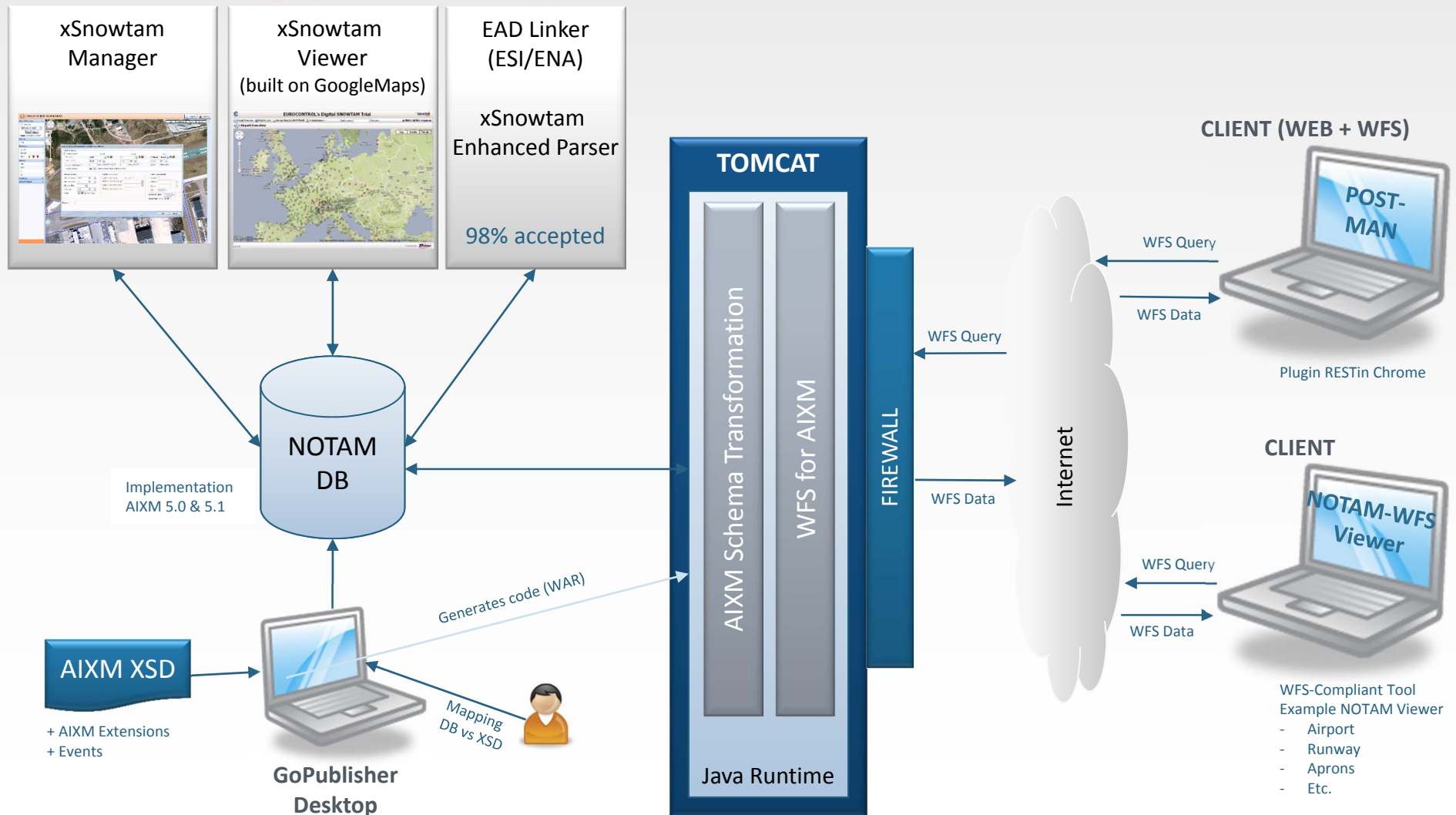


DEMONSTRATION WITH 3 QUERIES

SNOWTAM WFS : User Implementation Time



WFS : Other NOTAM or AIXM Architecture



■ LIMITATION ON TEMPORALITY

- GoPublisher doesn't implement yet the AIXM Temporality Concept
- Waiting for OGC final specs/validation on WFS Temporality Implementation
- «...these requirements are not specific to AIXM 5, but more generally apply to any data model featuring temporality. To overcome these shortcomings, a proposal is made for an extended type of WFS query: a dynamic feature query”
- Expected for Q4 2014

- Work around : we used database Views built on temporal criteria « Now »
- They hide the temporality to the WFS queries
- But only bring or 'present' data valid « Now » (at the moment of the WFS query)

Conclusions



- We walked thru the steps that brought xSNOWTAM-WFS system live: Design Time, Run Time, User Test Time, User Implementation Time, then a generalization for other NOTAM or AIXM Architectures
- To show WFS-compliant systems are reality today, the industry can build pretty easily similar WFS-systems, following the needs.
- You can play with our system, please register with Eddy Porosnicu, you'll receive the necessary to connect to our xSNOWTAM-WFS Test system
- Please note there are fake data, and not to many, we can give support in indicating meaningful queries

QUESTIONS

