



Nasdaq Risk Modelling and Open Data

4th May 2022

The Power of Open Data Standards

How Open Data Standards are
Used in Practise

The Impact of Open Standards on
Risk Management

Nasdaq's Contribution to the
Insurance Industry

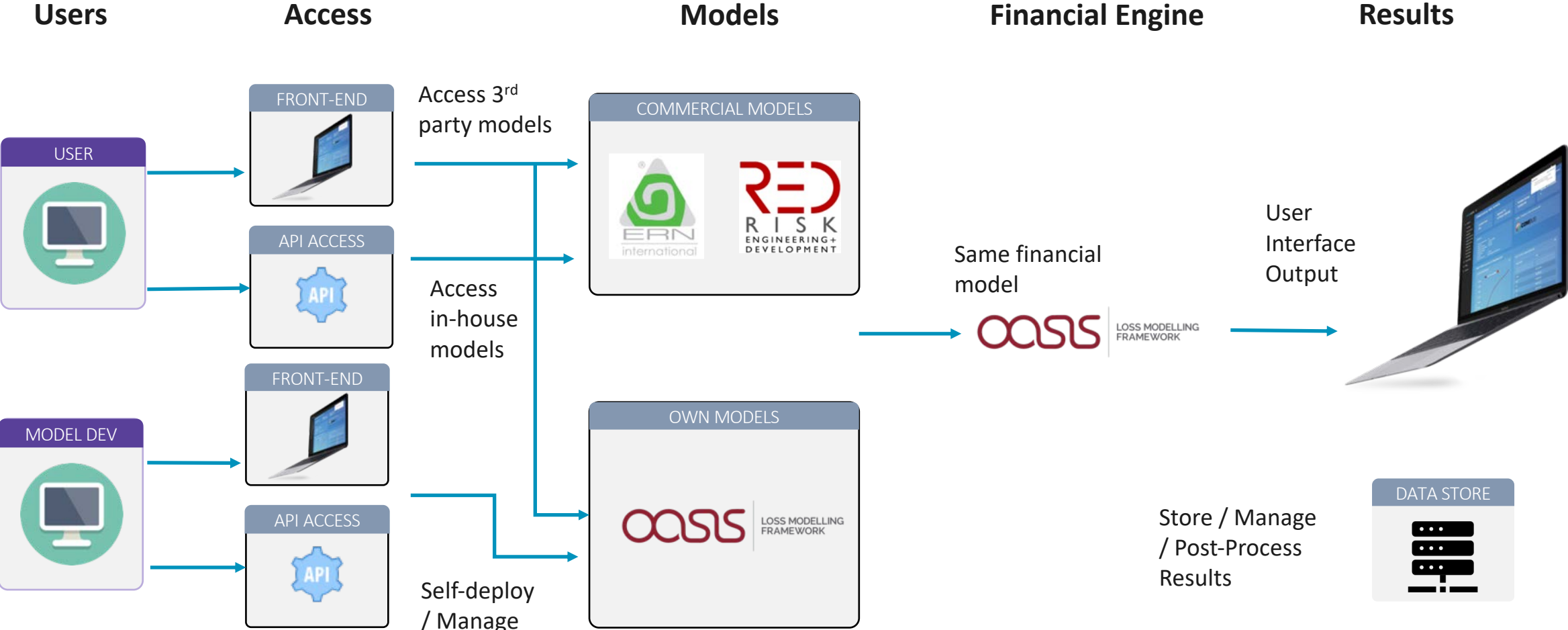
Power of Open Data Standards

- Why do we need Open Standards?
 - Key to ensuring transparency and interoperability
 - Avoids proprietary lock in
- Oasis is an open standard for catastrophe modelling
- We realised Oasis needed its own exposure data format
- Industry would also benefit from Open Exposure Data format
- Project in collaboration with industry participants – based on AIR CEDE format
- Handed over to Oasis to curate as it made sense for a not-for-profit company to manage it
- Widely adopted by independent model developers, insurers, reinsurers and brokers globally

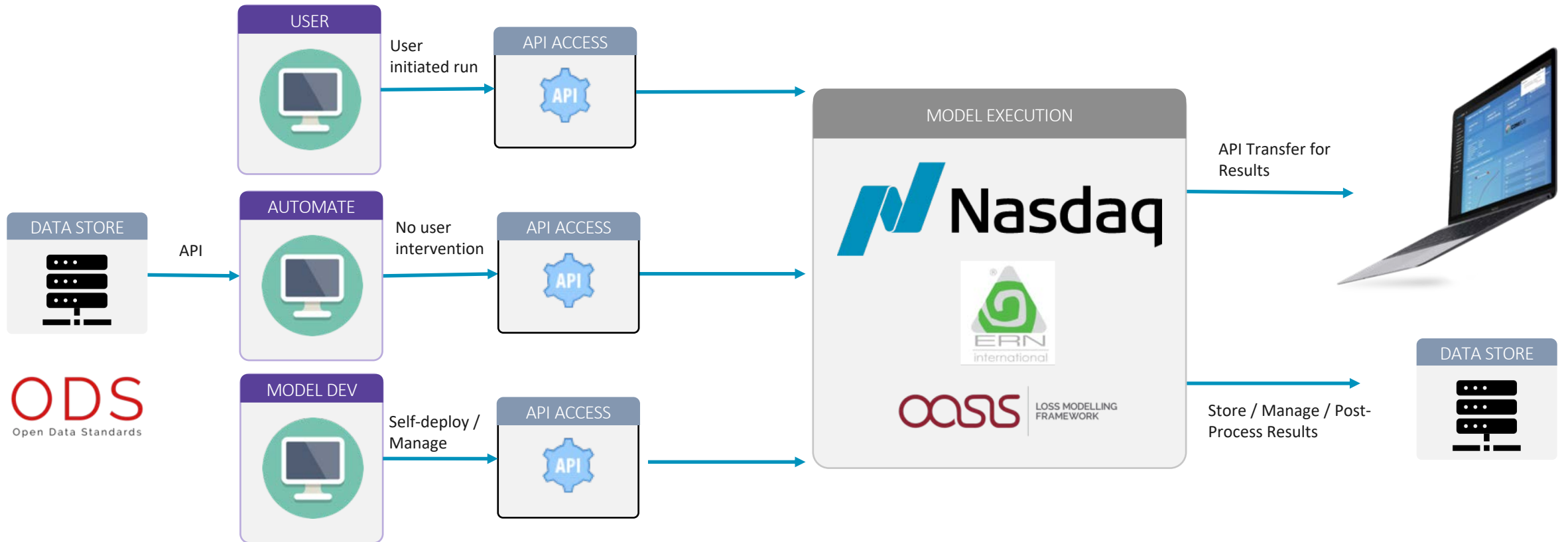
ODS
Open Data Standards



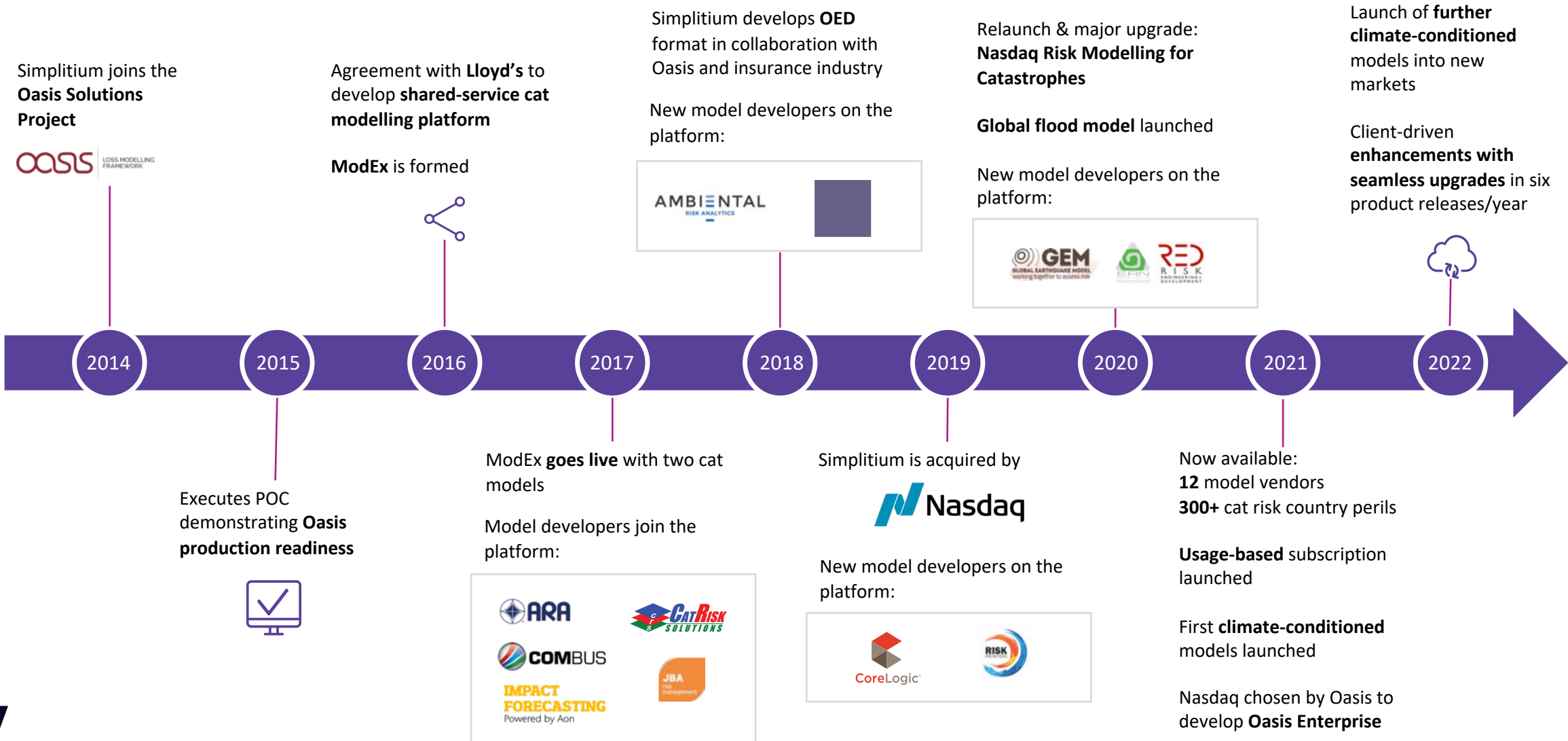
How Open Standards are Used in Practise



Impact of Open Data on Risk Management



Nasdaq Contribution to the Industry



Summary

- Open Standards are the key to transparency and interoperability
 - Reduce complexity
 - Reduce cost
 - Commercial, not-for-profit and academic institutions can collaborate around open data
- Open Modelling platforms are powerful tools for the insurance industry:
 - Oasis Loss Modelling Framework
 - 300 + country peril models available
 - 12 model vendors
 - Deploy in-house developed models via the same platform





Questions