

Webinar Information



- You can ask Questions via Q&A functionality
 - Feel free to ask during session
 - Questions will be included in session where possible
- Session will be recorded and made available

Welcome

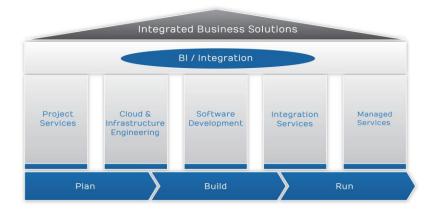




Presenter







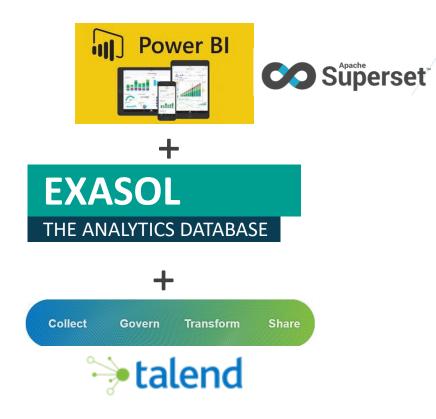
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iRIX Software Engineering AG
Full Service System Integrator
Specialized on taylor made solutions
→ www.irix.ch

Content





The ideal bi/analytics stack*





There is nothing like THE ideal BI stack



- Depends on what you want to achieve and your environment
 - Pixel perfect?
 - Volume?
 - Visual analytics?
 - Security?
 - Data hub?
 -

But the presented stack should be considered

Situation / Challenges







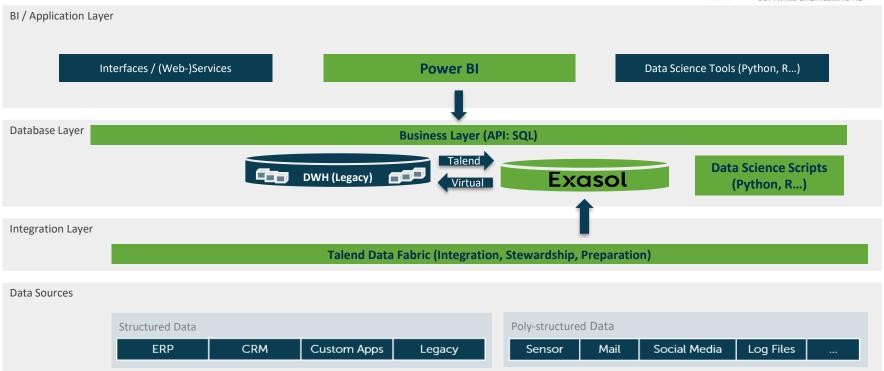




Challenges: Complexity – TCO – No single version of truth – Performance – Integration

Architecture





Talend: What is it?

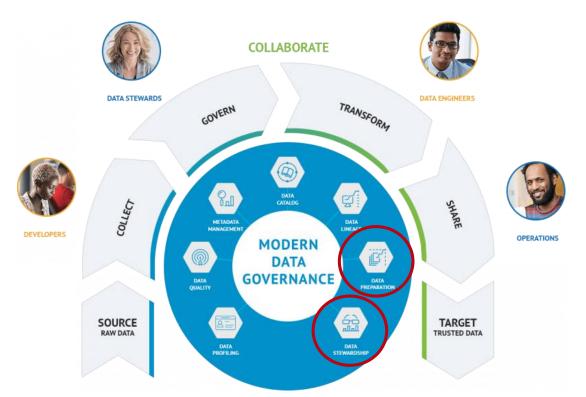


"Talend Data Fabric's suite of cloud services efficiently handles all your integration and integrity challenges on-premises or in the cloud, any source, any endpoint."



Talend: Benefits



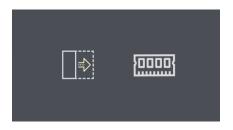


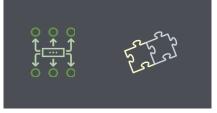
- Self Service Data Preparation and enhancement
- DevOps Support
- Easy Scaling

Exasol: What is it?



Exasol is a relational database for analytics









Smart in-memory column store on compressed data plus scalable MPP approach for unrivalled performance, scalability and concurrency Multiple-platform support in flexible configurations combined with powerful data integration and data virtualization capabilities Unites the relational SQL world with modern data science languages in a unique way

Enterprise-grade security and management features with self-tuning technologies for low TCO

Exasol: Benefits

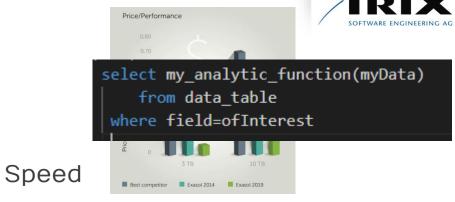












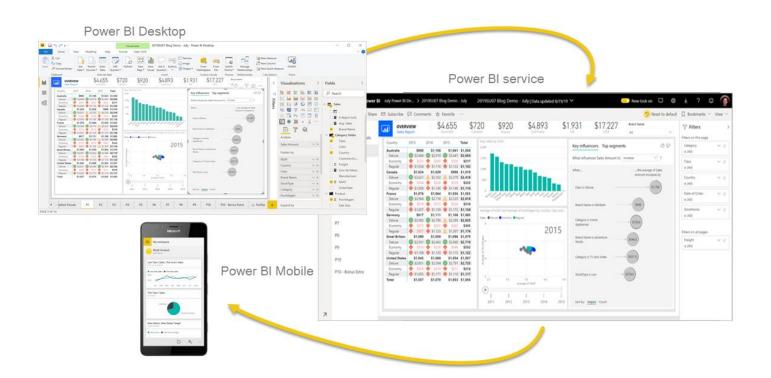
Leverage Analytics (UDF)

Integration (Business Layer, SVOT)

Lower TCO

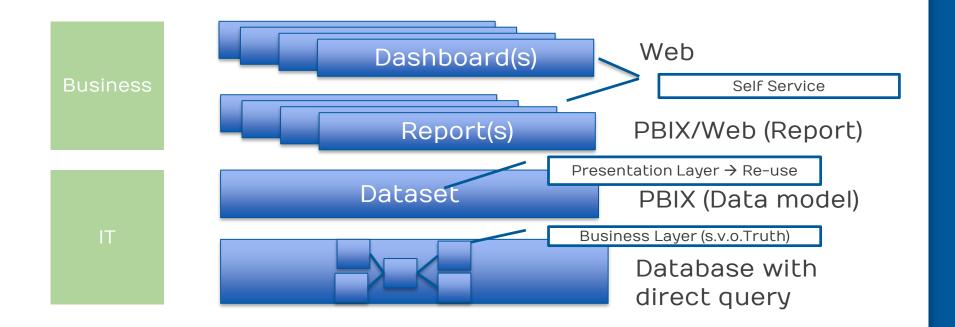
Power BI: What is it?





Power BI: Benefits





Superset: What is it?



- Open Source alternative for visual analytics
- Created by Airbnb, now apache project
- Web based, docker ready
- Limited presentation layer but powerful visualisations
- Ideal for timeseries
- Tableau-like expert tool

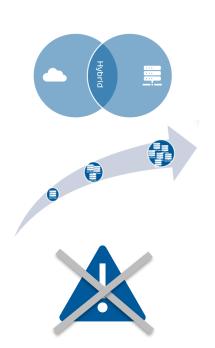


Common Benefits









Hybrid cloud/on premise setup

Scales easily with your data

Predictable costs – no surprises

Take aways / Actions



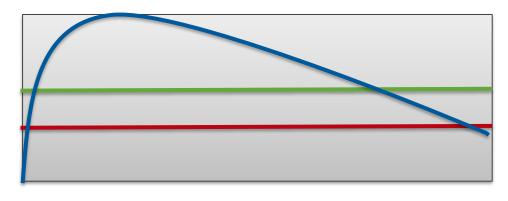
- Check your data with talend trust score
 - https://www.talend.com/de/lp/trustscore
- Test community editions
- Evaluate your best stack
- Convince us to invest in your solution

iRIX Startup Support



Solution as a Service (SolaaS)

- We invest in your Solution und you rent it as needed (OPEX instead of CAPEX)
- Win-Win Situation, as costs are below value add.



Value add (Business Value)
SolaaS Cost
Classic Project approach

Q&A



Q:Is MS PowerBI GDPR compliant?

A: Yes, MS PowerBI can be set-up GDPR compliant.

Q: Do you have project experience with the stack presented?

A: Yes, our customer IATA is using that stack for more then 3 years. Recently we started a project where we build that stack for a data-driven start-up.

Q: How much effort is it to start with all components in the cloud?

A: Both talend and Exasol can easily be set-up in the cloud.

Q: What is the smallest cluster I can start with Exasol?

A: ExaOne with one node.

Q: Where do I find the community editions for Exasol and Talend?

A: Directly on the vendor pages: talend and Exasol

Q: Is there an overview which components are additionally in the commercial edition of the etl tool?

A: A comparision can be found <u>here</u>.