

Add-ons for SAP systems

### **EVOLUTION**





**10M USD revenue** 

30% YoY growth

DWH, BI, Big Data consultancy

owner



2016 Aug. spin-off

~1.2M USD from

**Product development focus** 











since 2015

partner

**CONSULTING** 

**Add-ons for SAP** 

### **PRODUCTS - DATA EXTRACTION AND DEVELOPMENT**



# **DATA UNFOLDER**

**♦ VirtDB** 

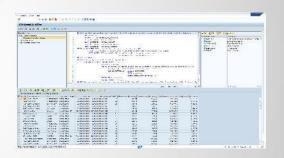
Prepare and push SAP R/3 or S/4HANA data to BI platforms and Databases



# **OPENSQL EDITOR**



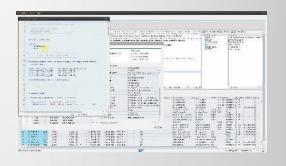
Create, test and optimize SQL queries in SAP



## REPORT GENERATOR



Generate customizable ABAP reports based on SQL queries



### **PRODUCTS - USER PRODUCTIVITY**



# **INSTANT INSIGHTS**

**♦ VirtDB** 

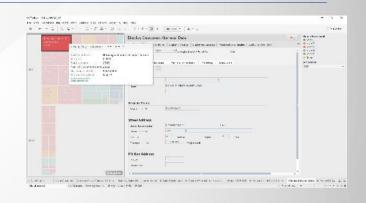
Context sensitive analytics by embedding dashboards into SAP GUI



# **BI BRIDGE FOR SAP**

**♦ VirtDB** 

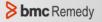
Embed SAP GUI into BI Dashboards



# **TICKET SYSTEM FOR SAP**

Integrate ITSM platforms with SAP for incident management





servicenow



zendesk











# **DATA UNFOLDER**



Enterprise-level solution to

# Prepare and push SAP R/3 or S/4HANA data to BI platforms & Databases, like:

**Cloud Providers** 



Databases

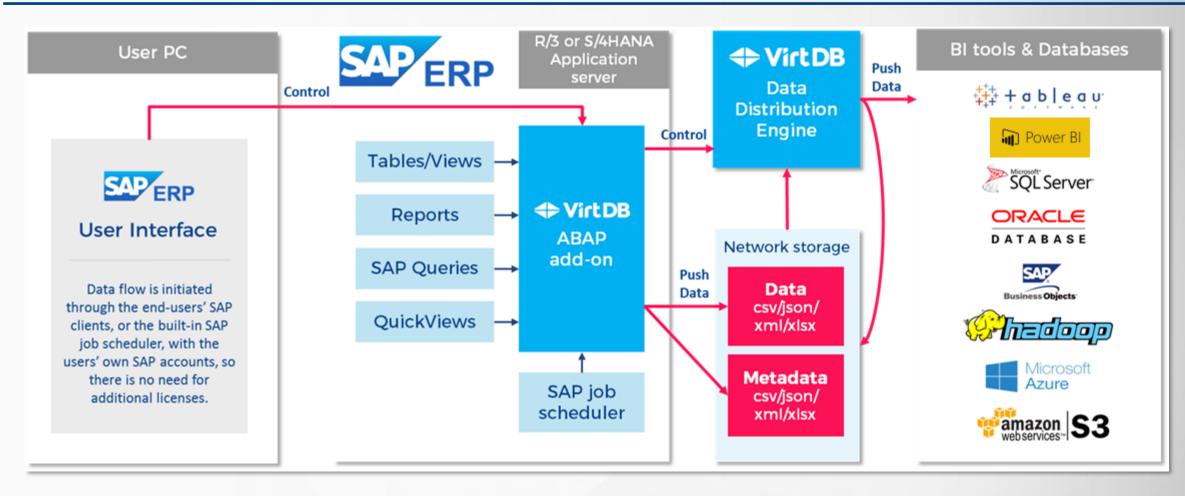


**BI Platforms** 



### **DATA UNFOLDER ARCHITECTURE**





- Business logic (ABAP report)
   and table level data access
- Self-service data extraction (No ETL needed)
- Uses standard SAP scheduler
- Full meta data access
- Central control for IT

- High-performance mass data extraction
- SAP license compliant!

#### SAP INDIRECT ACCESS LICENSING RISKS



### **SAP vs DIAGEO**

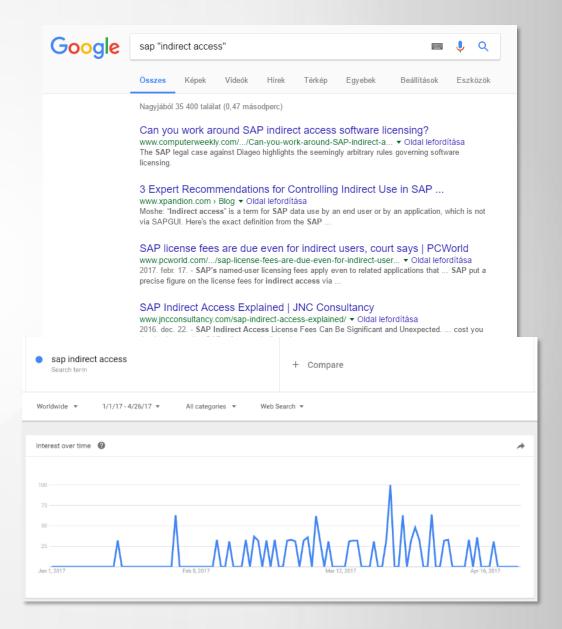


- SAP customer since 2004
- Integrated Salesforce and SAP five years ago
- 5800 Salesforce users accessing SAP customer data (using SAP PI as middleware!)
- 5800 \* £9.500 + interest = **£59M fine**

#### **SAP vs AB Inbev**

- \$600M
- <u>link</u>



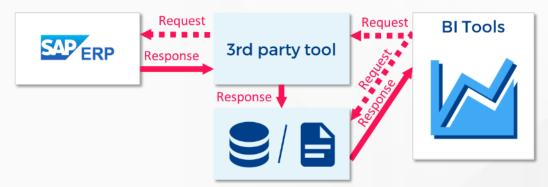




# The most risky part concerning indirect access is direct interaction with SAP functionalities initiated from outside SAP by a non-licensed user

#### Extra SAP named user license needed if

 Integration through a single "technical" user that serves multiple external business users



#### No extra license needed if

 Push data out from inside SAP by existing, licensed SAP users





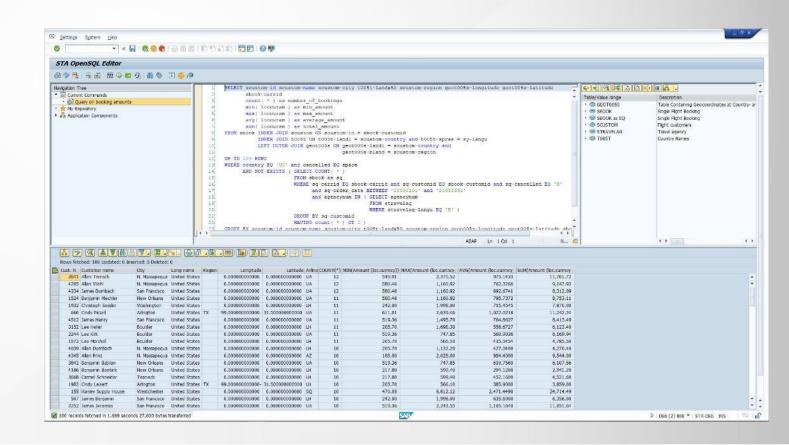
# **OPENSQL EDITOR**



# An ABAP developer tool to create, test and optimize SAP OpenSQL queries

Many handy features help you to quickly create well performing SQL queries.

- Automatic table joins
- Field selection assistant
- Visualize table relations
- Dynamic where conditions
- Display result in BI tools with one single click (VirtDB Data Unfolder integration)





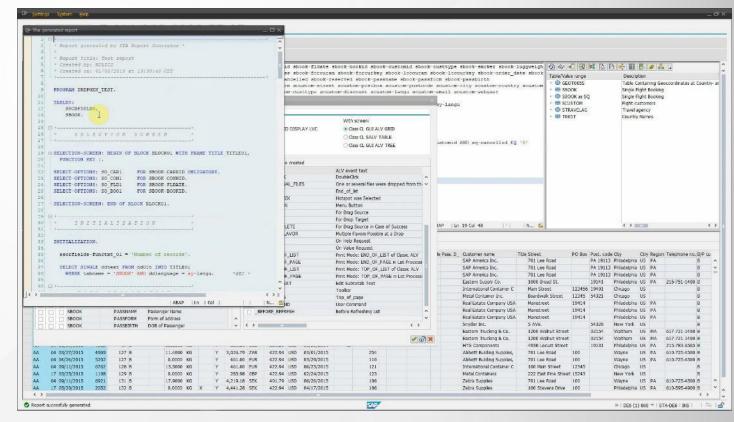
# REPORT GENERATOR



# An extension of STA OpenSQL Editor that allows generating customizable ABAP reports based on SQL queries

You can spare writing hundreds of ABAP code lines by automatically generating ABAP reports.

- Define selection screen
- Select output type (list/tree etc.)
- Select event handler methods
- Add to SAP package and transport request (optional)
- Use the report as a datasource for VirtDB Data Unfolder





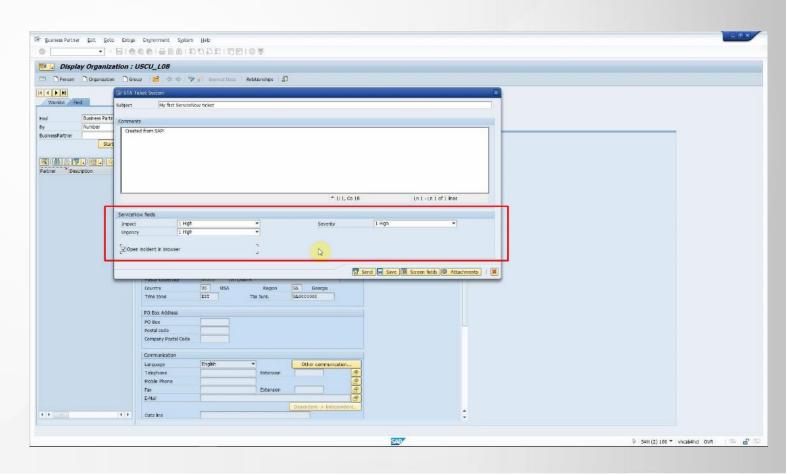
# **TICKET SYSTEM**



# Report errors directly from SAP by creating tickets in external ITSM systems

Cut ticket resolution times by enriching every ticket to reduce communication overhead.

- All SAP information is added
- Screen field contents included
- Attachments (screenshot, authorization report, job log, short dump etc.)
- Auto-reactions for SAP Solution
   Manager MAI and CCMS alerts
- Eliminate duplicate tickets

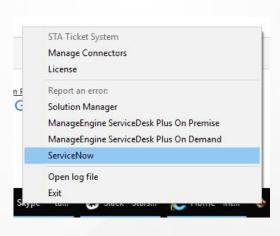


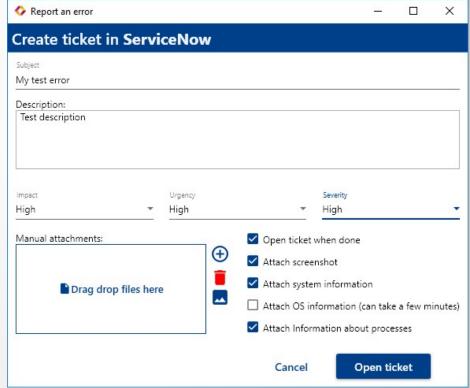


# Windows application to create tickets in ITSM systems

Easier creation of tickets and reduced ticket resolution times.

- Customizable information
   package with software and
   hardware information is added
   automatically
- Screenshot attached automatically







# **INSTANTINSIGHTS**

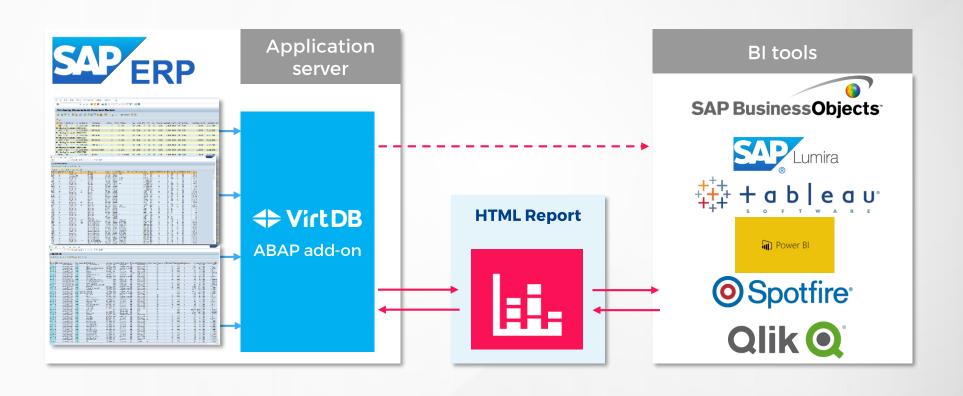


# Instantinsights enables

Context sensitive analytics to make better business decisions, by embedding dashboards into SAP.











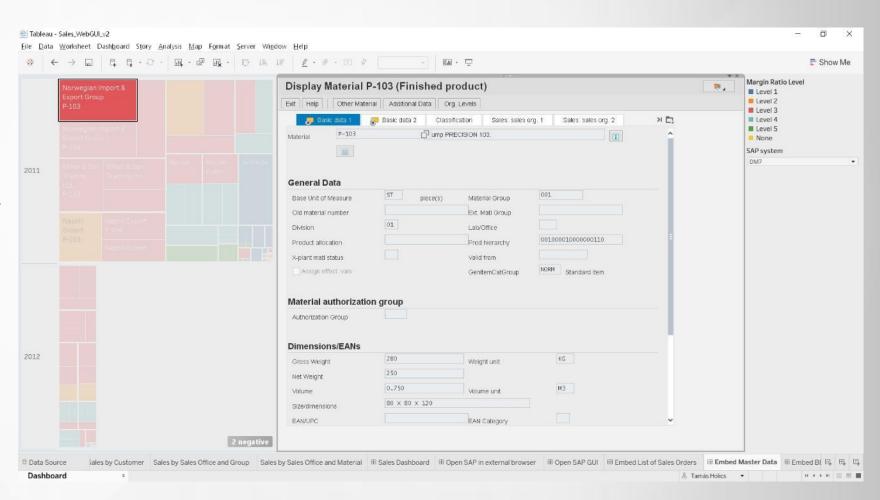
BI Bridge for SAP

### DISPLAY SAP DATA IN TABLEAU WITHOUT EXTRACTING IT



# Why extract SAP data if you can display SAP in Tableau?

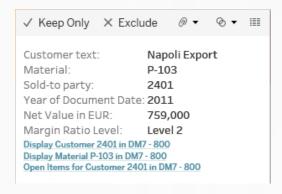
Not all data is meant to be visualized.



### **DRILL DOWN TO SAP**

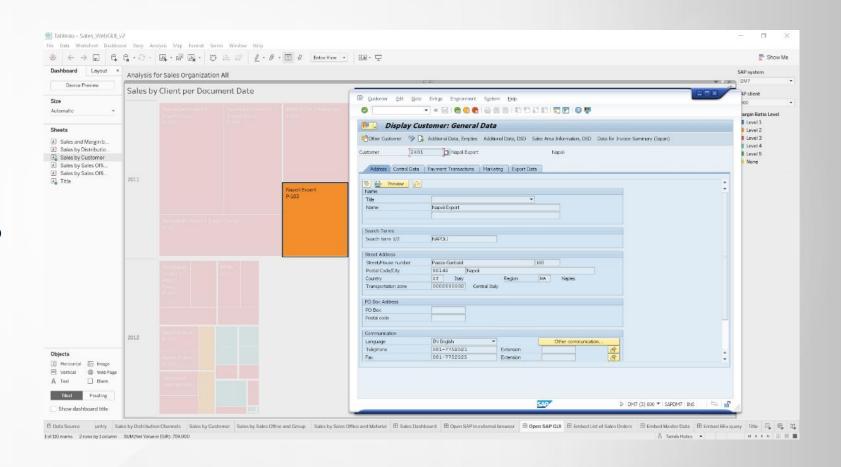


1. Launch SAP transactions using Tooltip Actions



2. SAP logon can be bypassed using SSO





3. The desired standard/custom SAP transaction is launched





#### **General Information**



# **Technical questions**



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# Sales questions



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