Simplement’s flagship solution Data Liberator, combined with Microsoft Analytics Solutions provide a compelling and cost effective alternative for delivering self-service insights for your SAP Landscapes.
Please use the paper instructions on your chair for quick reminder on how to install Power BI on your mobile device.

We will be showing you how our technology enables flexible reporting in SAP with Power BI.
Unique Value Proposition

Simplement’s flagship solution Data Liberator, combined with Microsoft Analytics Solutions provide a compelling and cost effective alternative for delivering self-service insights for your SAP Landscapes.

*If you got to your seat, prior to the session – please take 3 minutes and follow the instructions to access Power BI on your mobile device – we will be showing a live change to a report*
Attending in person: Bill MacLean – Chief Data Architect  
John Kleinhenz – Strategic Account Executive

**Agenda:**

- Who is Simplent?
- What does the Simplent Solution do?
- How does it work?
  - Data Liberator Platform
  - Smart Starts (pre-built data models – plugs right into MS Power BI)
  - Simplent - POWER BI on attendees mobile device
- Customer Stories / Business Scenarios
- Q&A
Who is Simplement?

- Unique solutions provider that leverages the Microsoft technology to help SAP customers improve reporting.
- Award winning software for innovation from Microsoft 2014, 2015
- In business since 1998, profitable, with 25+ employees
- Microsoft Certified Gold Partner
- SAP customers are our only focus, our team has been in your shoes
- Software company with expert consulting services
- Our main focus since we began has been on making SAP easier to use and more accessible
Some of our Customers
WHAT DOES THE DATA LIBERATOR™ DO?

1. REAL TIME DATA OUT OF SAP
   - No Load on SAP
   - Always up to date
   - Replication (not extraction)

2. EASIER/MORE INTUITIVE
   Automatic Data Transformation
   - Leverage SAP Security Model
   - Hierarchies
   - Full English Descriptions
   - Much more
   - Apply the Power of Microsoft BI to SAP data.

3. BETTER SAP REPORTING
   - C-Level Friendly – Executives Love the visualization
   - Self-serve reporting is a reality
   - Enable End User Tools (PowerBI, Excel, etc.)
Flagship software – The Data Liberator™:

Includes: Replication Manager, Data Director (Security Projector, Hierarchy Projector, Buena Vistas, Long Text, etc.)

Supplemental reporting products – Smart Starts™:

Available Smart Starts™: AR, AP, GL, Purchasing, Inventory & COPA

Includes: Fact and Dimension Views in SQL Server, plus models and sample reports.

With Smart Starts™, you can generate reports in minutes or hours instead of weeks or months. So, you can make smart decisions much faster than before.
HOW DOES THE DATA LIBERATOR™ WORK?

- No load on SAP
- Automatic Data Transformations
- Automatic Security and Hierarchies
- Tools and Business Logic that are SAP Aware
- Pre-Built Models deliver Business Solutions right now
- SQL Server, Oracle, Db2, or HANA SAP Source
- A fraction of the cost in Money and Time
The Data Liberator is **NOT** simply a data movement tool (overview)

**Data Movement Tools don’t do what The Data Liberator does**

- Data Liberator automatically understands and enhances SAP data
- Data Liberator comprehends the customer’s total SAP environment, including custom Z objects
- Data Liberator *automatically* transforms SAP data
- Data Liberator Smart Starts create business entities from raw SAP data

**Replication for the Data Liberator**

- As long as it’s replicated, we don’t care how the data gets to the Data Liberator
- We provide out of the box data replication for SQL Server, Oracle, DB2
- We use SLT for HANA
- Customers have also used Informatica (CDC) and Oracle Golden Gate
The Data Liberator works with HANA just the same way it works with SQL/Oracle/Db2.

The Data Liberator’s sophisticated automatic abstraction and semantic enhancement insulate your developers and future-proofs their work if/when you move to HANA.

All the value-add work is done on the Data Liberator, not in the replication channel.

The particular replication method chosen is not important.

Use SLT to replicate data from HANA, and the Data Liberator will keep performing its job of simplifying SAP data, resolving Security and Hierarchies, providing a stable abstraction layer, injecting semantic information, and providing a modern modeling environment.
Simplement – Power BI
<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cluster Tables</td>
<td>Automatically creates real tables from the Multiple logical tables stored as binary data in SAP table clusters</td>
</tr>
<tr>
<td>Pool Tables</td>
<td>Automatically creates table-value objects from multiple logical tables stored in SAP table pools</td>
</tr>
<tr>
<td>Security</td>
<td>Automatically provides SAP security to Liberated data.</td>
</tr>
<tr>
<td>Hierarchies</td>
<td>Automatically Resolves:</td>
</tr>
<tr>
<td></td>
<td>• Key Org Unit Groups</td>
</tr>
<tr>
<td></td>
<td>• HR Reporting Relationships</td>
</tr>
<tr>
<td></td>
<td>• Financial Statements</td>
</tr>
<tr>
<td>Dates/Times</td>
<td>Stored as text by SAP. Liberator solution automatically converts to the proper data types.</td>
</tr>
<tr>
<td>Table/Column Names</td>
<td>Liberator automatically describes every table and column in English</td>
</tr>
<tr>
<td>Building Blocks</td>
<td>SRV tool makes it easy to create standardized views</td>
</tr>
<tr>
<td>No Impact on SAP</td>
<td>Liberator avoids RFC calls and extractions, so there is no load on your source system.</td>
</tr>
</tbody>
</table>
SIMPLEMENT REFERENCE ARCHITECTURE
FOR FLEXIBLE SAP REPORTING IN A MODERN DATA WAREHOUSE ENVIRONMENT

REPORT DEFINITIONS
IN-MEMORY MODELS
(BI SEMANTIC MODELS)
REPORTING VIEWS
AND PROCEDURES
BUENA VISTAS
PROJECTED SECURITY
AND HIERARCHIES
Replicated Tables
PERSISTENCE LAYER
DATA LAKE AND EDW

DATA SOURCE
SAP APPLICATION
SAP FRONT-END
LOGS

SAP SOURCE

IN-MEMORY MODELS
(BI SEMANTIC MODELS)
REPORTING VIEWS
AND PROCEDURES
BUENA VISTAS
PROJECTED SECURITY
AND HIERARCHIES
Replicated Tables
PERSISTENCE LAYER
DATA LAKE AND EDW

DATA SOURCE
SAP APPLICATION
SAP FRONT-END
LOGS

DATA SOURCE
SAP APPLICATION
SAP FRONT-END
LOGS

Key: Smart Start Components deployed in conjunction with DL

Real-Time Replication

REPORTING INSIGHTS

REPORTING INSIGHTS
Simplement Drives Azure Consumption
Motivates Customer to Lift and Shift

SAP App Server(s)

SAP Database Server

Data Liberator
(Azure IAAS or on-prem)

Simplement Engine

Liberated Real-Time SAP data

Analysis and Presentation

* Can also be fed directly from Data Liberator

Liberator Security Projector enables all Liberated Data to inherit actual SAP security model without changes.

Many publishing options not shown

* Can also be fed directly from Data Liberator
REAL TIME SAP ANALYTICS

Powered by Simplent AND Microsoft Power BI

- Enables self-service analytics for business users using PowerBI or existing BI tools
- Delivers value to the business in under 60 days
- Analyze real-time data with zero impact on your SAP infrastructure
- Cost justification in 1-2 months vs. Hana.
- Operates alongside or in lieu of BW / SAP BI implementations

Microsoft and Simplent – Best in class / Best in cost for SAP analytics.
Smart Starts™

PRE-BUILT ANALYTIC CONTENT (REPORT)

Rich, interactive visualizations and self-serve data sets built on Power BI for every part of your business.