



**SENTURUS**

# **Streamline Cognos Migrations & Consolidations**




# To obtain this presentation

Visit the Knowledge Center on the Senturus website to download this presentation and explore other assets:


[senturus.com/resources](https://senturus.com/resources)

### Topics


- Analytics Connector
- Cross Vendor Comparisons
- Dashboards Reporting & Visualizations
- Data & Cloud Architecture
- Data Prep & Modeling
- Deployments & Performance Optimization
- IBM Analytics & Cognos
- Microsoft Azure & Power BI
- Security, governance & administration
- Snowflake
- Tableau




**Webinar**  
**6 Ways to Publish & Share Tableau Dashboards**  
How-to demo and discussion of pros, cons and considerations




**Webinar**  
**How to Successfully Implement Self-Service Analytics**  
Agile, governed self-service BI with a focus on Cognos analytics




**Webinar**  
**Creating a Power BI Report Your Boss Can Navigate**  
How to design a user-friendly nav experience



**Webinar**  
**Power BI Report Builder & Paginated Reports**  
Creating pixel-perfect reports for printing and PDF



**Webinar**  
**Using Python with Power BI**  
Learn the basics, including the software and plotting libraries



**Webinar**  
**Streamline Cognos Migrations and Consolidations**  
Automatically decode Cognos content and reduce migration time by 90%

# Agenda

Introductions

The Migration challenge

Overview of Migration Assistant for Cognos

Common scenarios for use

Demo

Additional resources

About Senturus

Q&A



# Introductions



**Michael Weinbauer**

Director  
Senturus, Inc.



**Todd Schuman**

Practice Lead Installations, Upgrades  
and Optimization  
Senturus, Inc.



**Song Gao**

Solutions Architect  
Senturus, Inc.



# Poll #1

What are your goals for Cognos? (Choose all that apply)

- Changing data source(s)
- Moving to the cloud
- Migrating to a new BI platform
- Cleaning up Cognos environment
- Other

# Poll #2

How many Cognos reports does your organization have?

- 0-500
- 501-1000
- 1001-10,000
- 10,001+
- Don't know

# The Migration Challenge



# Good news: complexity is hidden

Cryptic source systems

Massive data warehouses (tables, etc.)

Complex transformations and logic

Elaborate data models

Complex reports and dashboards





# Bad news: it's still there...and worse!

Complex Cognos content

Business merge and realign

Platform and data source migration

# Lift and shift never works





# Unraveling Cognos content

Go into **every single report individually to manually** view lineage, filters and parameters

Many reports are sitting in users' **My Content** folders

**No consolidated view** of which data sources and models are still needed and used

Cognos audit **data is limited**



# Where to even start?



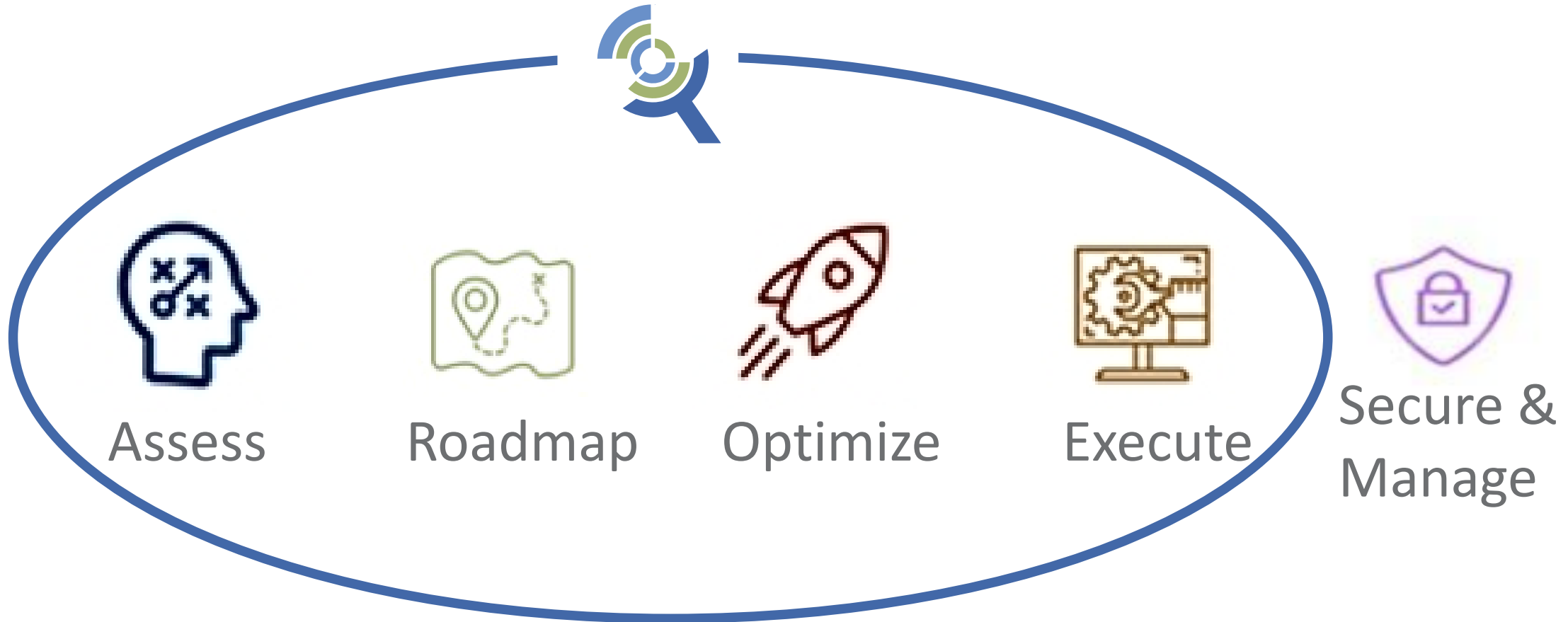
- How do I scope this?
- Is a migration / clean up worth it?
- What is the cost of migration vs a Cognos license renewal?
- There go my vacation plans



# Accelerating the migration process



# Accelerating the migration process



# What it does

- Programmatically **decodes** and **inventories** multi-layered Cognos **reports and packages** into a database
- **Identifies details** including data source(s), lineage, relationships and usage



# How it helps

1. **Eliminate** unused and duplicates
2. **Plan and prioritize** high-priority or impacted items
3. **Simplify** and consolidate similar items
4. **Automate** manual work and errors
5. **Create** report and dashboard recipes; reduces the need for “unicorns”

*“Compression factors” of 10-20x (or more) are common*



# How it works

- Extracts Cognos metadata into smaller pieces
  - Report > page, list, list column, query, query item filter
  - Data model > namespace, query subject, query item, relationships
  - Data lineage between report, model and database
- Extracts report execution history
- Stores both in a SQL Server database
- Analyzes Cognos content, using ad hoc queries or included pre-built reports

# Common Scenarios for Use

# Data source changes

**Accurately scope,  
budget, resource and  
manage data source  
migrations**



# Migrating analytics platforms

**Significantly  
accelerates migration  
timeline while  
increasing accuracy  
and overall success**





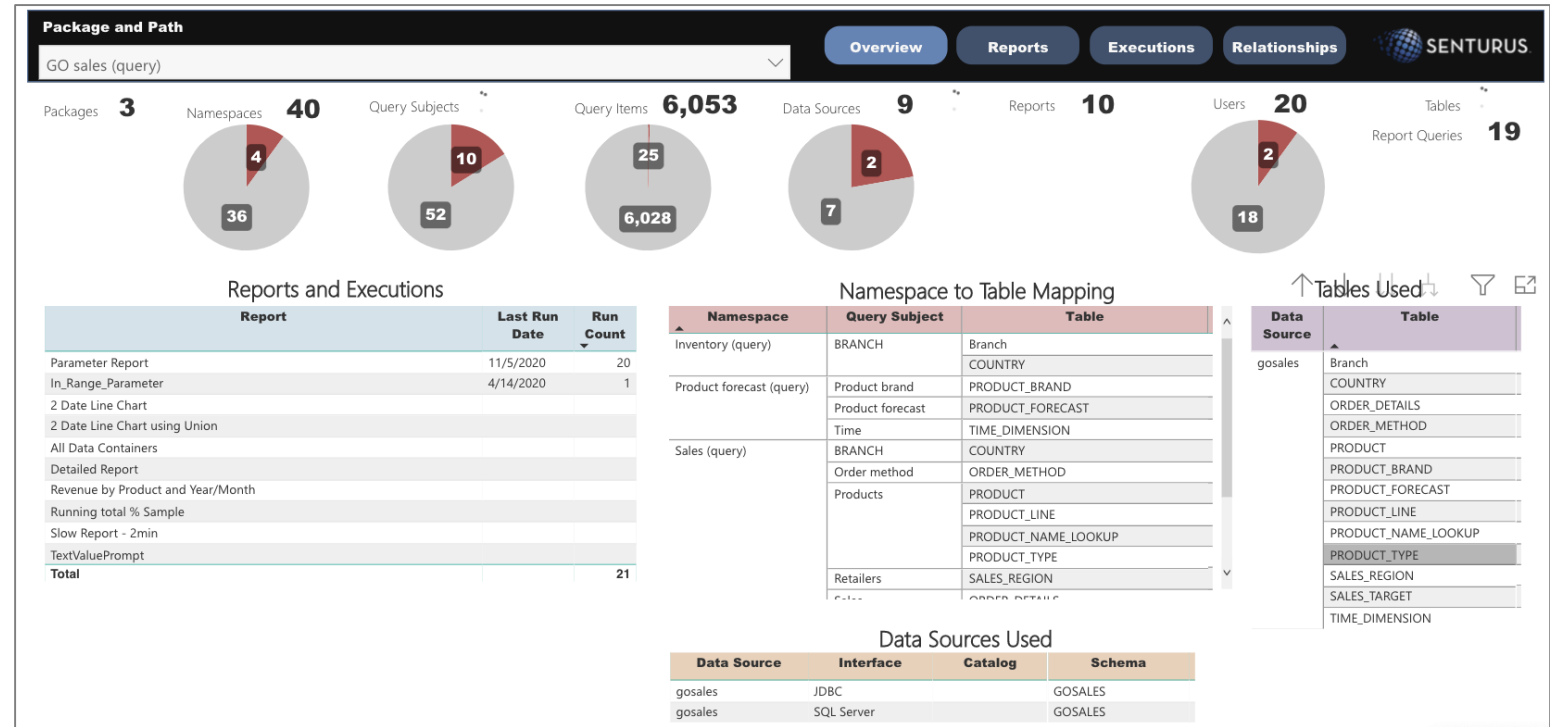
# Optimizing your Cognos footprint

**Reduces cost of ownership**



# Demo

- Overview
- Reports
- Executions
- Relationships



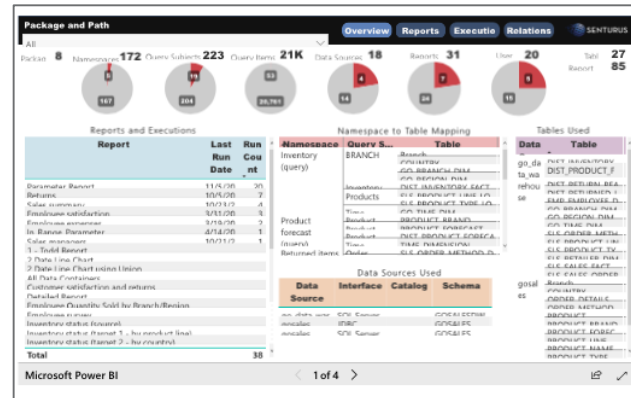
# System requirements

- Cognos 10+
  - Including OEM versions
- SQL Server and SSMS 2016+
- Power BI Desktop (free)

# More about the Migration Assistant



## Accelerating a Cognos Data Storage Migration Case study



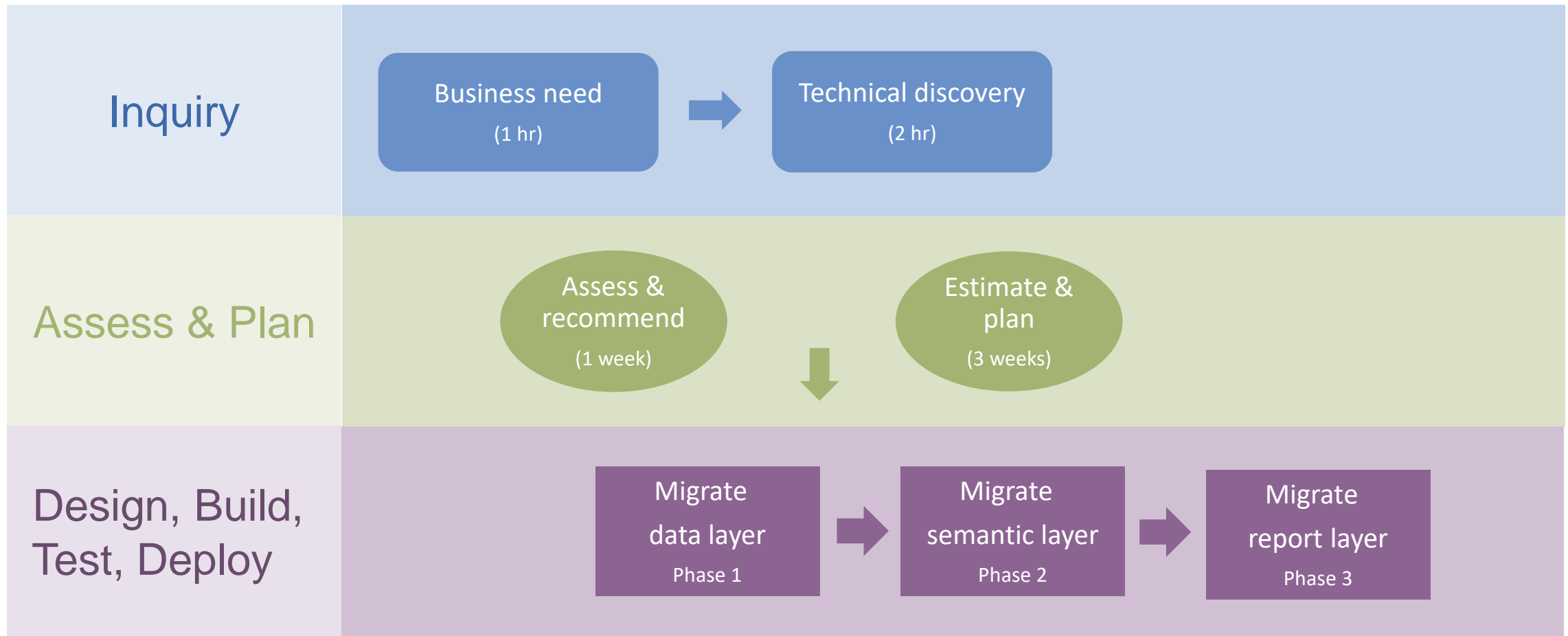
## Sample dashboard



## Demo



# Path through migrations



# Additional resources

## Unbiased product reviews



## Technical tips



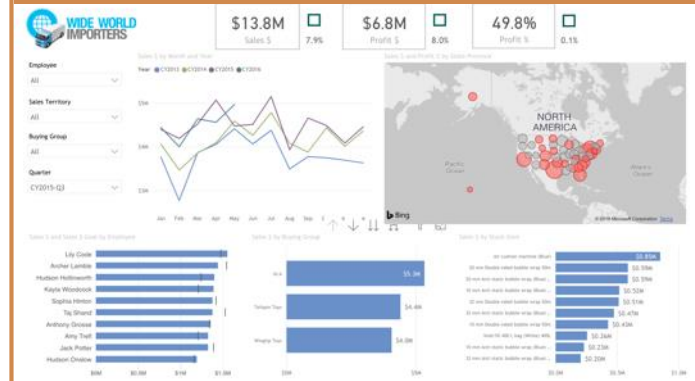
## Insider viewpoints



## More on this subject



## Product demos



## Upcoming events



# Upcoming event

## 4 Simple Mistakes That Equate to Big Reporting Errors

Demo of four reporting operations, common to all BI tools, where mistakes often hide.

Friday, Feb 4, 11am PT/2pm ET

Register: <https://senturus.com/events/4-simple-mistakes-that-equate-to-big-reporting-errors/>

# Complete BI training



Power BI



+ a b | e a u®



IBM  
Cognos  
Analytics



Tailored group sessions



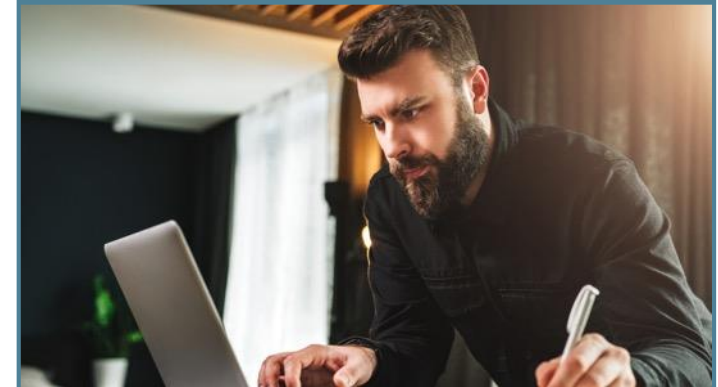
Mentoring



Instructor-led online courses



Self-paced learning

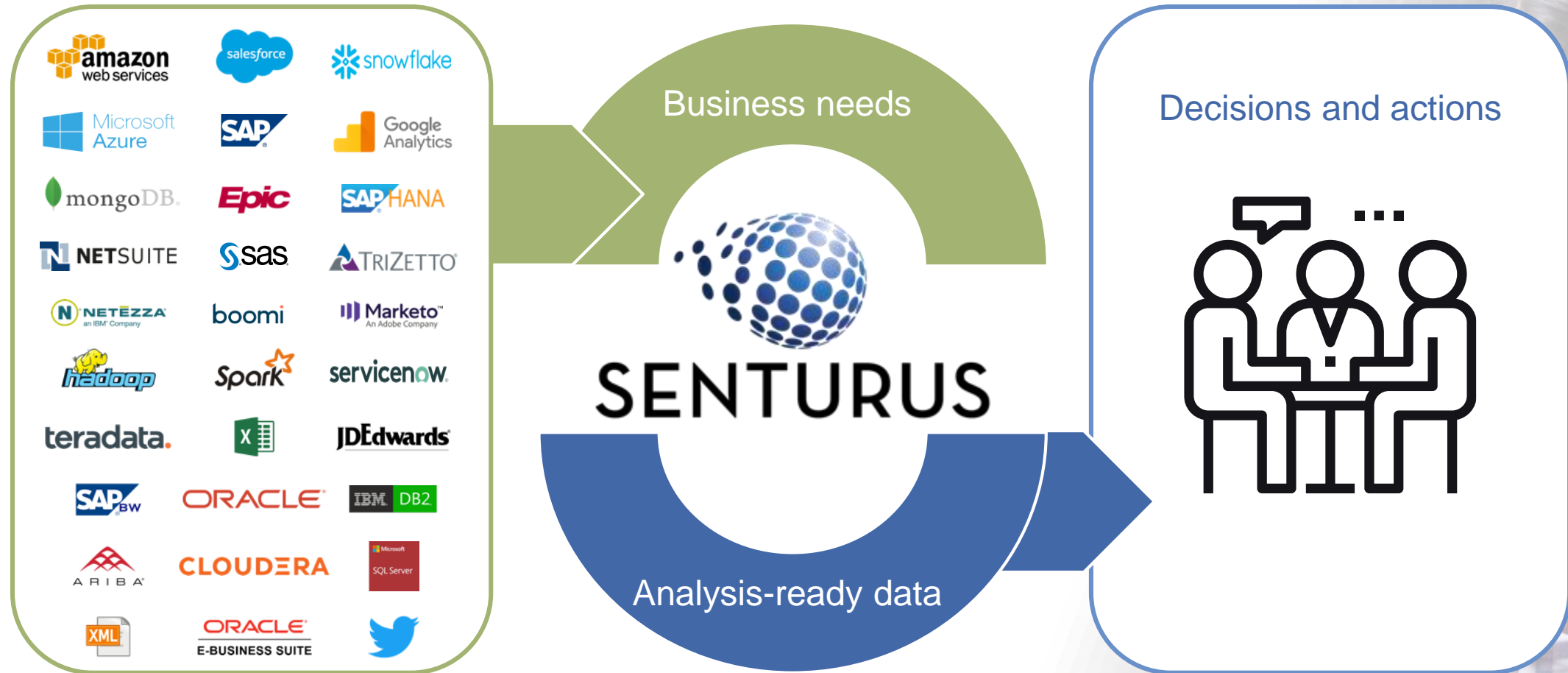




# Your path to modern BI

Accelerating self-service analytics for  
the enterprise

# Bridging the gap





# Full spectrum of BI services

- Data preparation and modern data warehousing
- Dashboards, reporting and visualizations in Power BI, Cognos and Tableau
- Hybrid BI environments (migrations, security, etc.)
- Software to accelerate bimodal BI and migrations
- BI services and support retainer (expertise on demand)
- Training and mentoring

# A long, strong history of success

21+ years

1350+ clients

3000+ projects





# Join the Senturus team

We're hiring talented and experienced professionals

- Senior Microsoft BI Architect
- Training Director
- Java Software Engineer

See job descriptions: <https://senturus.com/why-senturus/careers/>

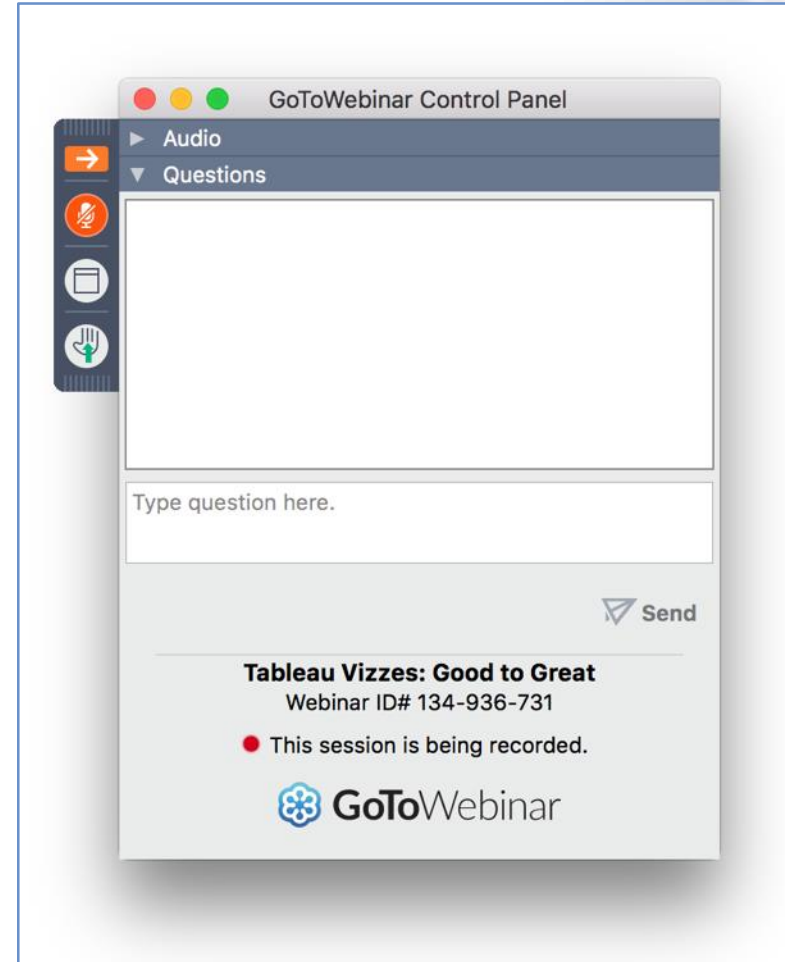
Send your resume to [jobs@senturus.com](mailto:jobs@senturus.com)

# Q & A

If your question or issue is broader than what we are able to answer today, contact us at:

[info@senturus.com](mailto:info@senturus.com)

and we will set up a free consultation.



# Thank You



## SENTURUS

---

[www.senturus.com](http://www.senturus.com)

888-601-6010

[info@senturus.com](mailto:info@senturus.com)

© 2022 by Senturus, Inc. This presentation may not be reused or distributed without the written consent of Senturus, Inc.