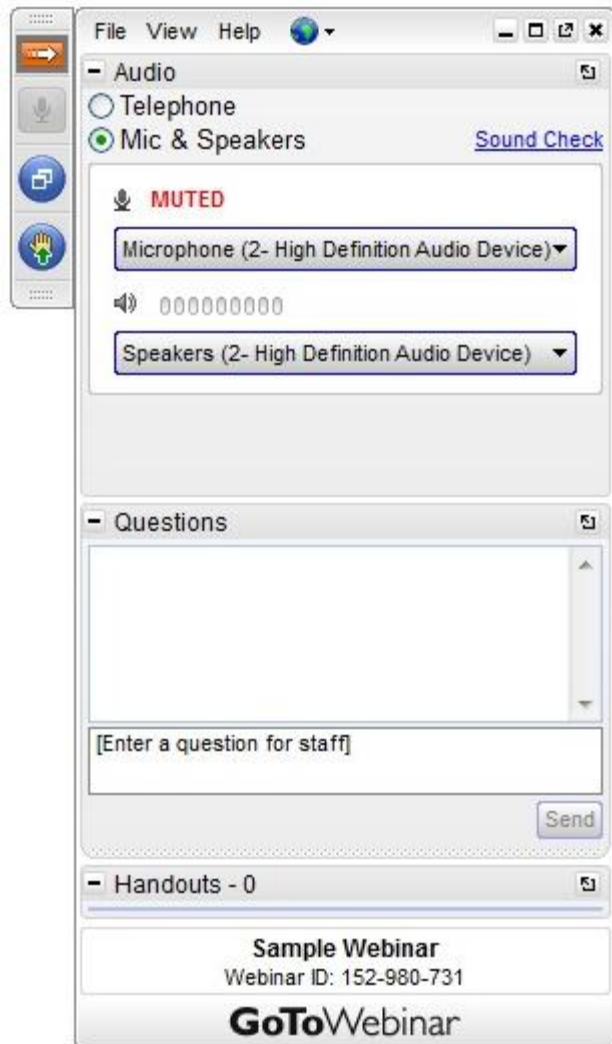# COGNOS ANALYTICS AUGUST 2017 ENHANCEMENTS

## 11.0.7 Demos and Q&A with the IBM Product Team

# GoToWebinar Control Panel



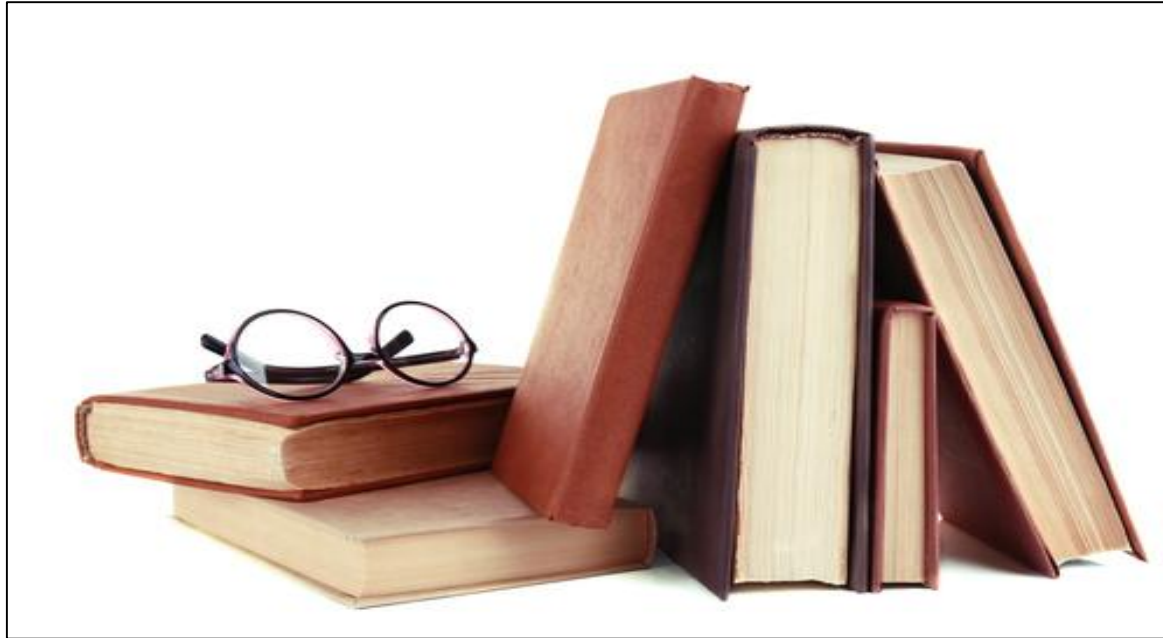Click arrow to restore full control panel

Submit questions here

# Presentation Slide Deck
## http://www.senturus.com/resources/



**RESOURCE LIBRARY**
An extensive, free library of past webinars, demonstrations, whitepapers, presentations, helpful hints, and more.

SENTURUS

# Agenda

- Introductions
- Overview of Cognos Analytics Releases
- What's New in R7
- Senturus Overview
- Additional Resources
- Q&A

SENTURUS
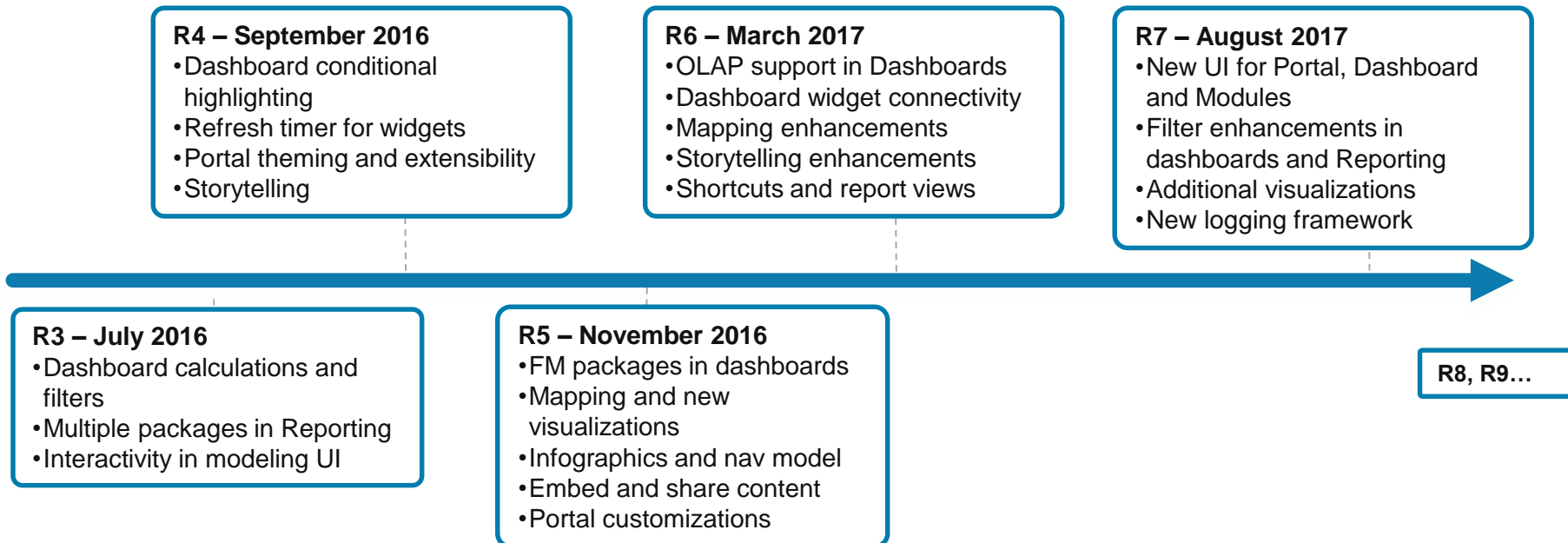
# INTRODUCING...TODAY'S PRESENTERS



**Nic Leduc**

Product Manager

Cognos Analytics



**Jim Frazier**

VP of Client Services

Senturus, Inc.

# Cognos Analytics releases

- Continuous delivery for on premise and on the Cloud
- Contains defect fixes and enhancements
- Installs on top, it preserves your settings and configuration

**R4 – September 2016**
- Dashboard conditional highlighting
- Refresh timer for widgets
- Portal theming and extensibility
- Storytelling

**R6 – March 2017**
- OLAP support in Dashboards
- Dashboard widget connectivity
- Mapping enhancements
- Storytelling enhancements
- Shortcuts and report views

**R7 – August 2017**
- New UI for Portal, Dashboard and Modules
- Filter enhancements in dashboards and Reporting
- Additional visualizations
- New logging framework

**R3 – July 2016**
- Dashboard calculations and filters
- Multiple packages in Reporting
- Interactivity in modeling UI

**R5 – November 2016**
- FM packages in dashboards
- Mapping and new visualizations
- Infographics and nav model
- Embed and share content
- Portal customizations

**R8, R9…**

# Highlights – R7

**Make the old new**
- Updated Dashboard, Modeling and Navigation User Experiences
- Package based drill in interactive viewer
- New logging framework
- PowerPlay 11

**Easier & easier to use**
- Dashboard filter dock
- Filter Panel
- My parameters
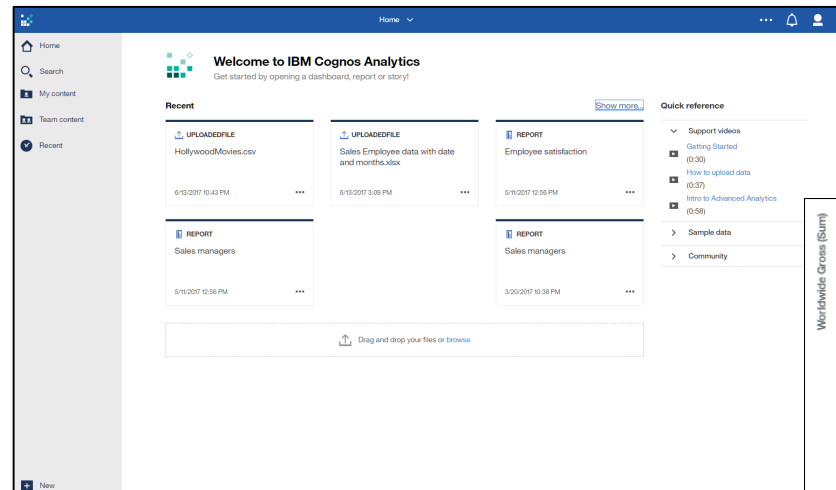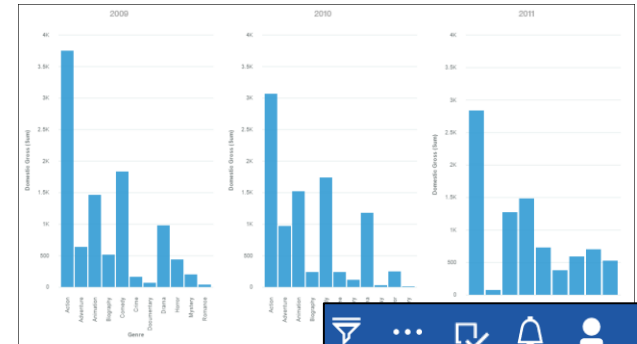- Interactive performance assistant

**Make it your own**
- 3rd party OpenID connect support
- Image library extension

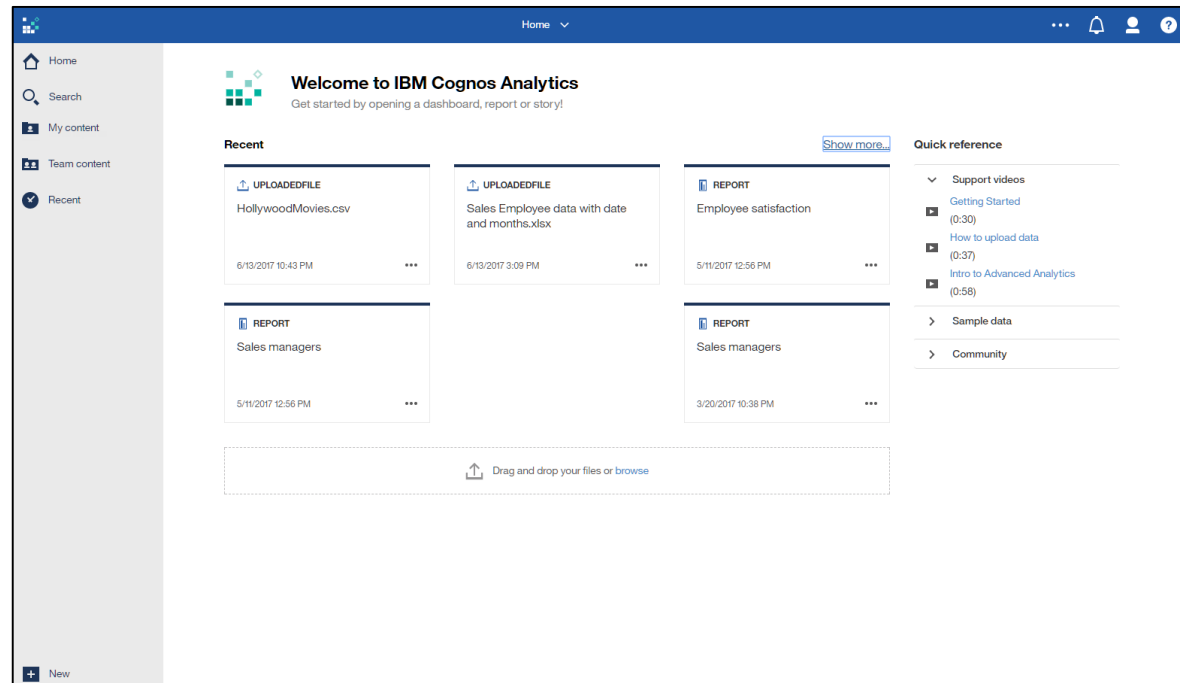**Communicate Findings through Storytelling**
- Animated Path transitions

**See things clearly with Visualization Enhancements**
- Maps in Reports
- Measures on Axis
- Labels (Single and Multiple)
- Repeaters
- New visualizations (Network, 100% stacked)

# Home page

- Redesigned Welcome page
- Easier to get started
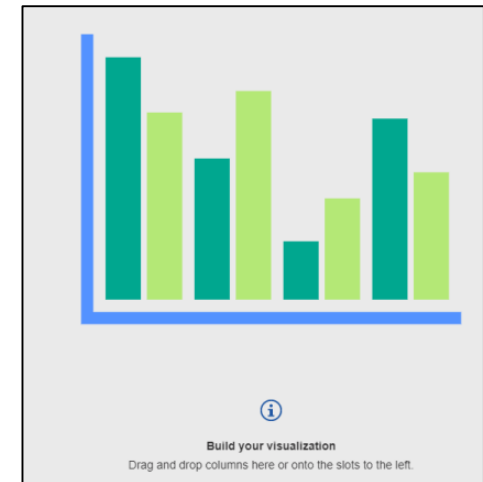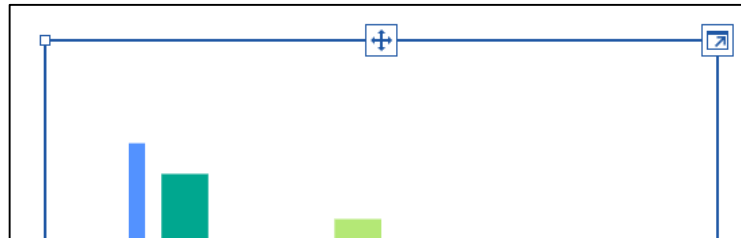- Quick reference links
- Recent items tiles

# Content navigation

- Redesigned navigation pane
- Single panel that now stretches
- Names automatically adjust to best fit the available width
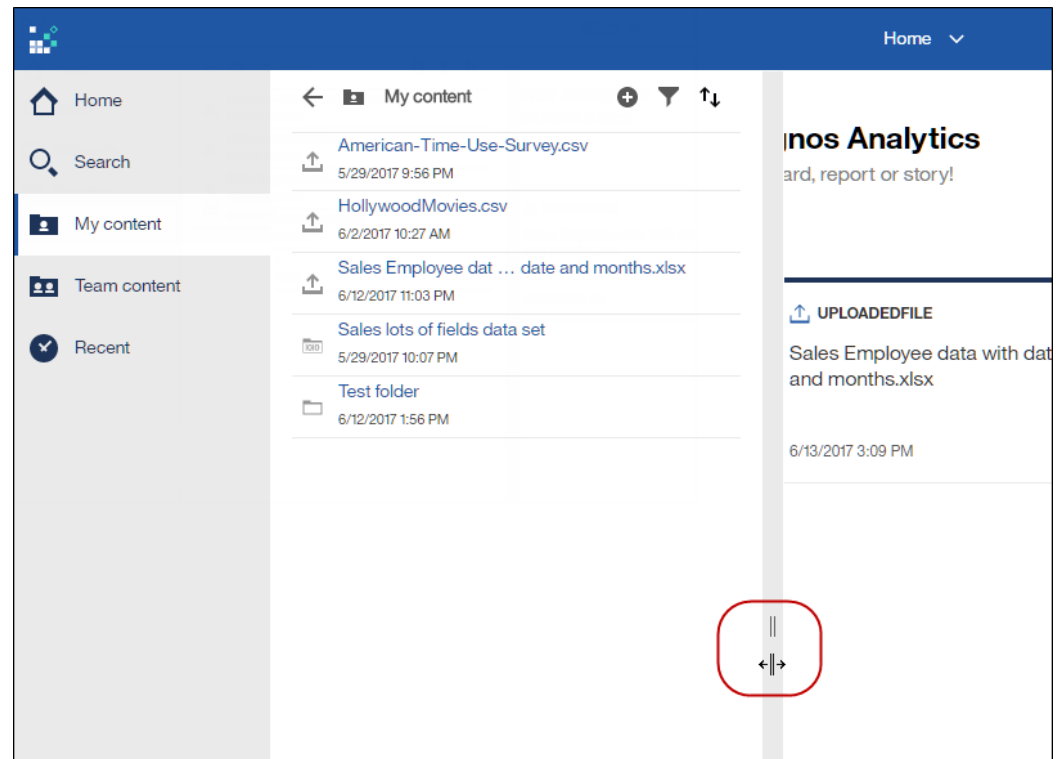
# Dashboard – Look and feel

- New icons
- Left-click versus right-click actions
- Stretchable sources panel
- Data tray now hidden in consumption mode
- Moving widgets on the canvas



No sources selected
Use the ⊕ above to find some sources and build your dashboard.



Build your visualization
Drag and drop columns here or onto the slots to the left.

# Dashboard - Filter enhancements

- Filter dock above the canvas
  - Frees up the canvas
  - Widgets are not affected by highlighting
  - Check boxes, sliders, hierarchy tree, calendar
- Condition-based filters (starts with…)
- Top/bottom on n values or percentile
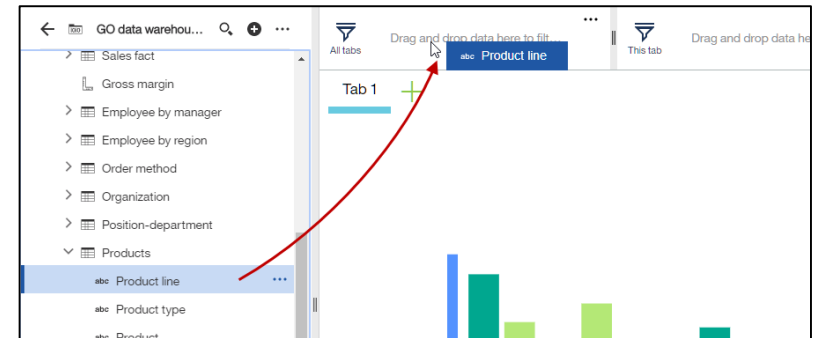
# Dashboards - Advanced calculations

- Invoked from a single or multiple values
- Simple and advanced calculations
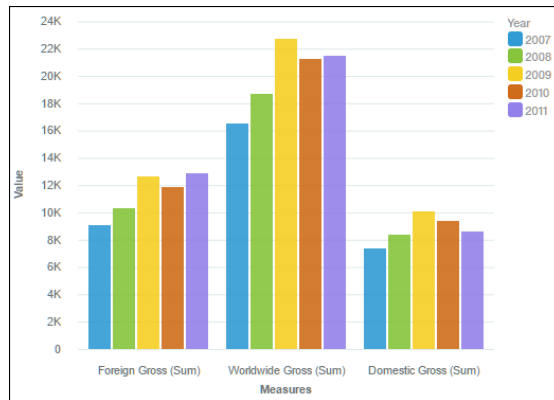- Expression editor for more complex calculations
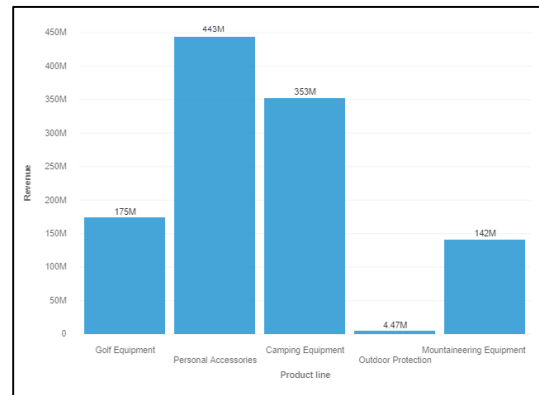
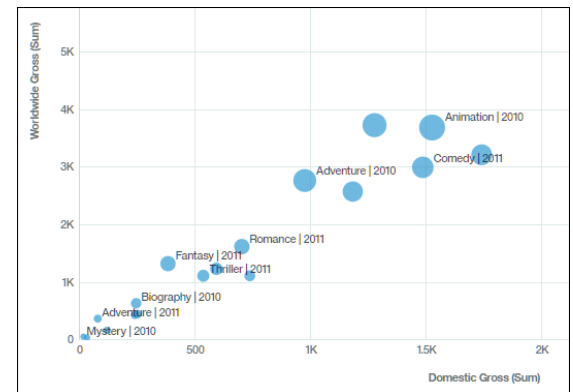# Dashboards - Visualization enhancements

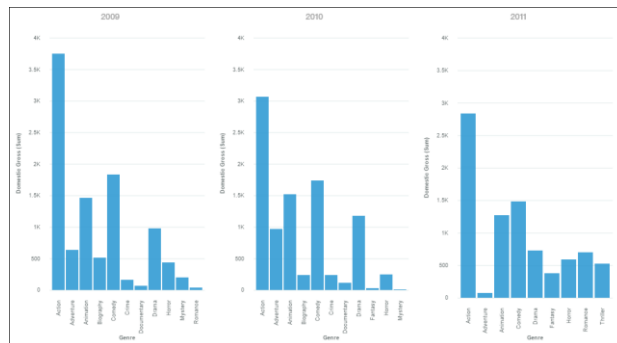**Measures as attributes on axis**



**Values on the charts**



**Multiple attributes per label**



**Repeaters**



Others
- Additional nested edges on crosstabs
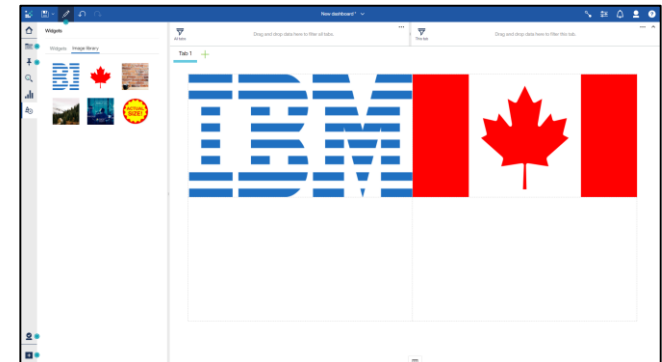- New visualizations (Network, 100% stacked)
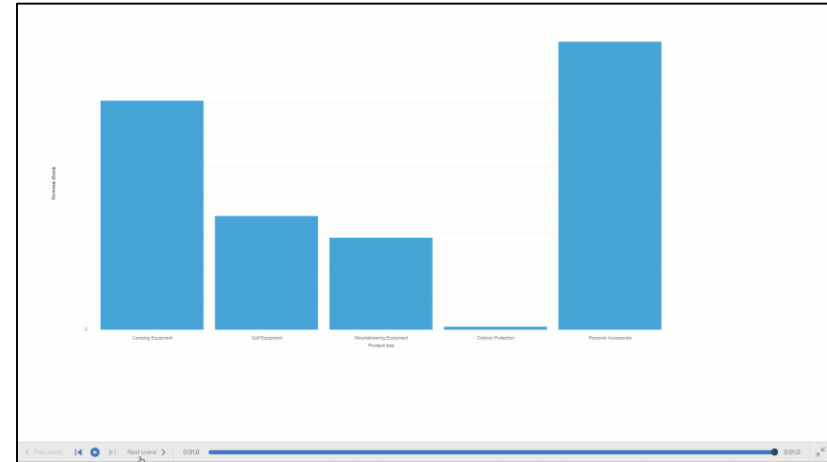- Better label placement

# Storytelling

Animated Path

- Allow transitions to keep items on the screen while directing focus to another area
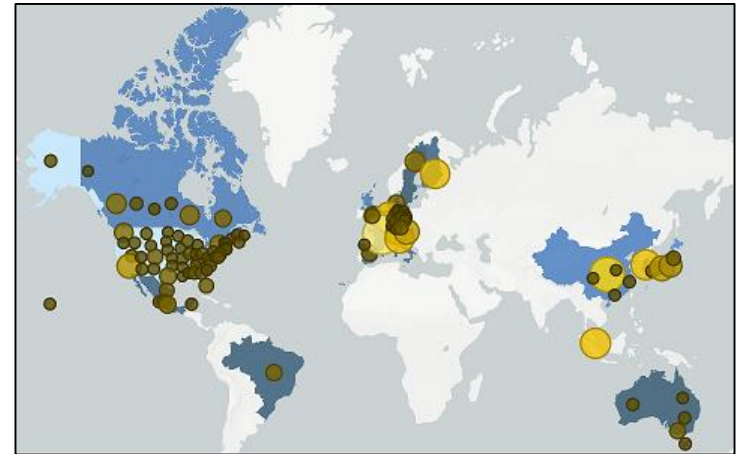
Image upload extension

- Administrator controlled library of images uploaded via extensions that can be used across dashboard and stories
- Cloud users: reach out to IBM Support

# Reporting

Maps in standard reports

- Supports two independent or joined layers

- Pan & Zoom, tooltips, maps styles

- Warning dialog show all unmatched locations

Navigation groups from data modules

- Navigation groups visible under Data items tab of metadata panel
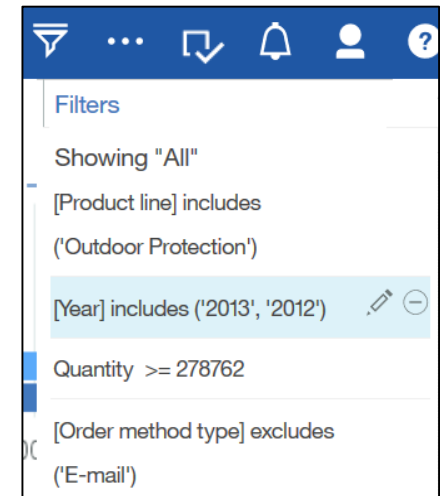
- Supports navigate to any levels defined in a data module
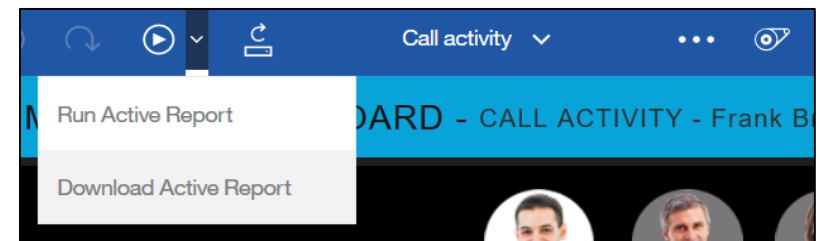
# Reporting

Interactive filtering panel in viewer

- Overview of all filters applied to the current report
- Allows direct editing
- Dynamically highlight report objects with each filter

Active Report

- Users can download an active report directly within the viewer
- Active reports now appear under the switcher

# Reporting – My parameters

– Filter multiple reports using the same parameter values

– Administrator sets default values at Role level

– Supports importing parameters from existing reports

– Users can override default parameter values

– Cloud users have access as well
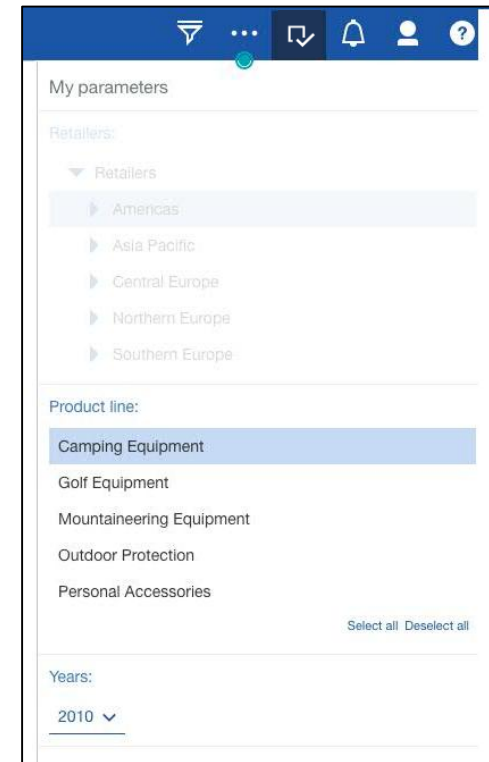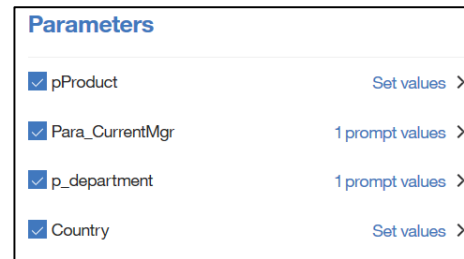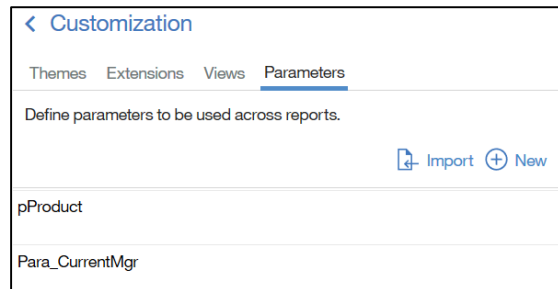
# Interactive Performance Assistant

- Discover the performance issues early
- Great for trouble shooting production issue
- No configuration, no additional resource required
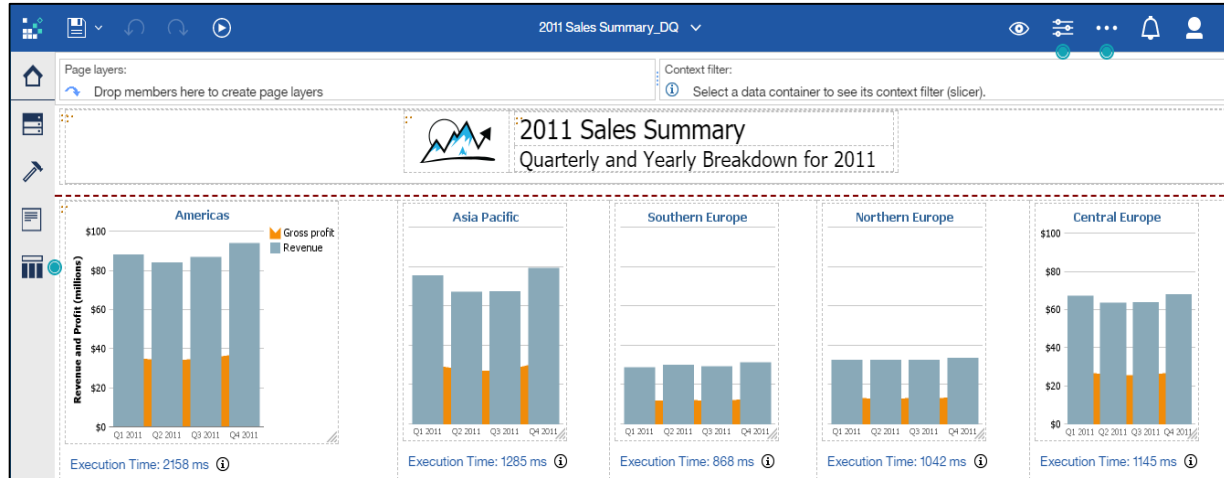
# Data Access

- Revamped user experience for creating data modules

- Authentication
  - Dynamic parameters in JDBC URLs
  - Kerberos support for data modules
  - OpenID Connect

- Planning Analytics
  - Text measures in crosstabs
  - Create data module from cube

- New technologies
  - Presto
  - MemSQL (uses MySQL connection)

- New versions
  - Hive 2.1
  - Microsoft Analysis Services 2016
  - SAP BW 7.5
  - Many more…

# OpenID Connect

- 7 OIDC providers
- Simple to configure
- Available on premise or on cloud
- SAML 2.0 is available ONLY via IBMID

**New Resource - Namespace** ✕

Name:

OpenID Connect

Type(Group):

OpenID Connect ⌄

Type:

ADFS ⌄

| ADFS |
| Azure AD |
| Google |
| IBMid |
| OKTA |
| Ping |
| SalesForce |

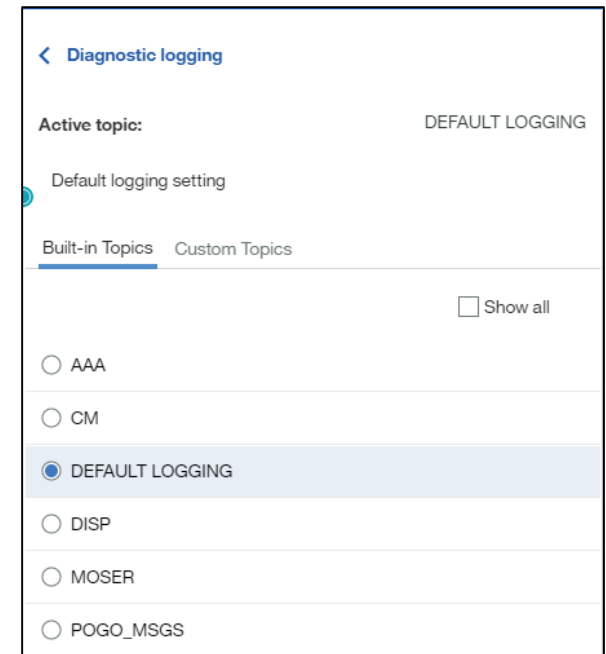| OpenID Connect - Namespace - Resource Properties | | |
|---|---|---|
| **Name** | | **Value** |
| Type | | Azure AD |
| ✳ Identity Provider | | AzureAD |
| ✳ Namespace ID | ❌ | |
| ✳ Discovery Endpoint | | https://login.microsoftonline.com:443/{tenantid}/.well-known/openid-configuration |
| ✳ Client Identifier | ❌ | |
| ✳ OpenID Connect client secret | ❌ | *************** |
| ✳ Return URL | ❌ | https://host:port/bi/completeAuth.jsp |
| **Multitenancy** | | |
| Tenant ID Mapping | | |
| Tenant Bounding Set Mapping | | |
| Advanced properties | | <click the edit button> |

# Logging Framework

Advantages

- No more naming files: ipfaaaclientconfig.xml.sample

- No more restarting of services

- New CognosServer.log gets created on the server

- Cloud customers need to reach out to IBM Support

Types of logging

- **Session Logging** for reproducible problems

- **Diagnostic Logging** browser-based administration for intermittent or service-specific problems

- **Interactive Performance Assistant Logging** for report performance challenges in a distributed environment

‹ **Diagnostic logging**

**Active topic:**                                    DEFAULT LOGGING

Default logging setting

**Built-in Topics**   Custom Topics

☐ Show all

○ AAA

○ CM

◉ DEFAULT LOGGING

○ DISP

○ MOSER

○ POGO_MSGS

# Installation options

No requirement to install, configure and start the content manager

- All tiers available
- Connect and install available
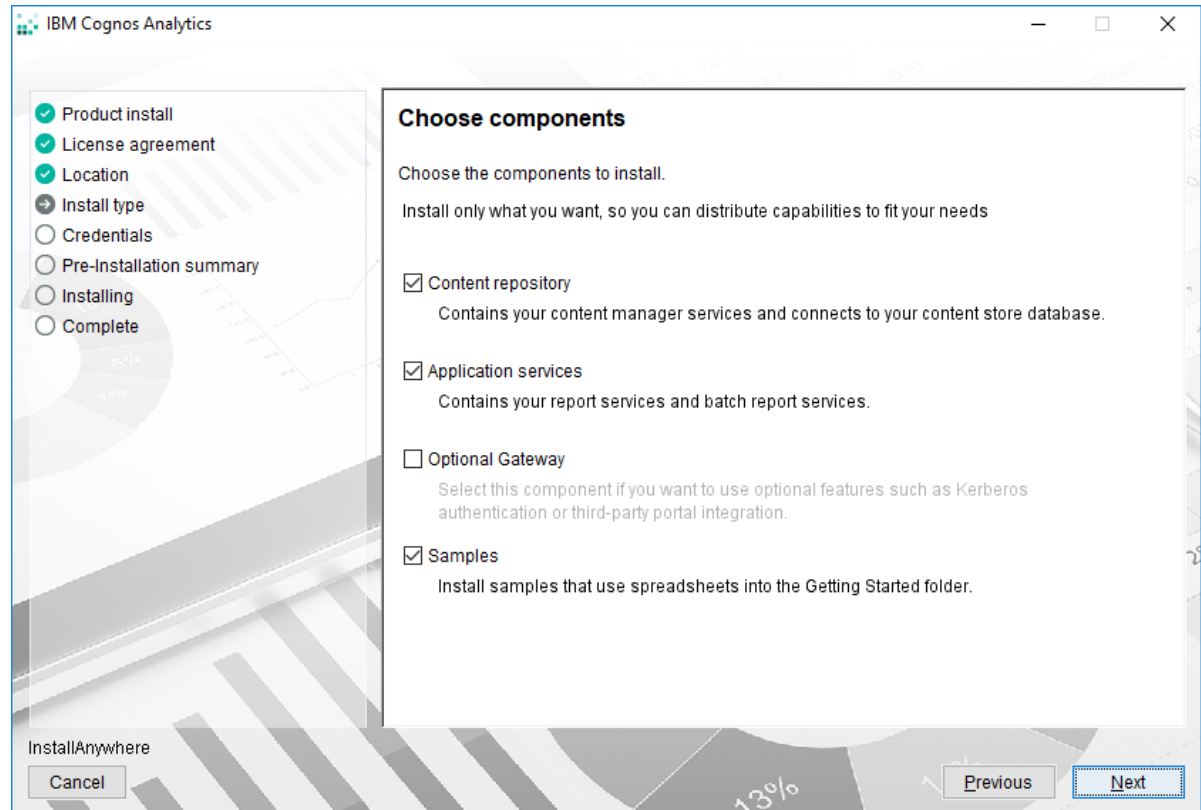
# PowerPlay 11

- Functionally the same as 10.2.2 products
- Updated to v11:
  - Windows client
  - PowerPlay Studio
  - Transformer
- Updated conformance
  - Windows 10
  - Chrome, IE, and FireFox
- Reports/studio run in separate browser tab
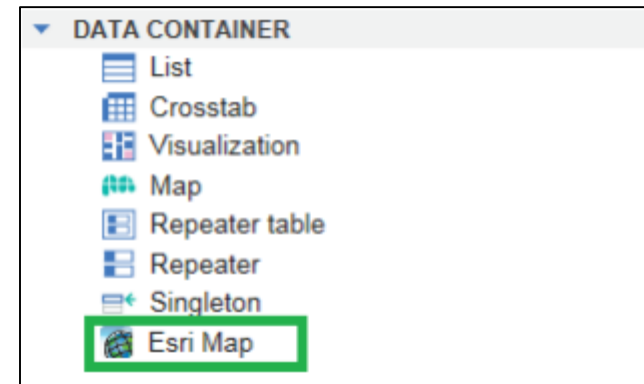- Separate installation for PowerPlay products, same license
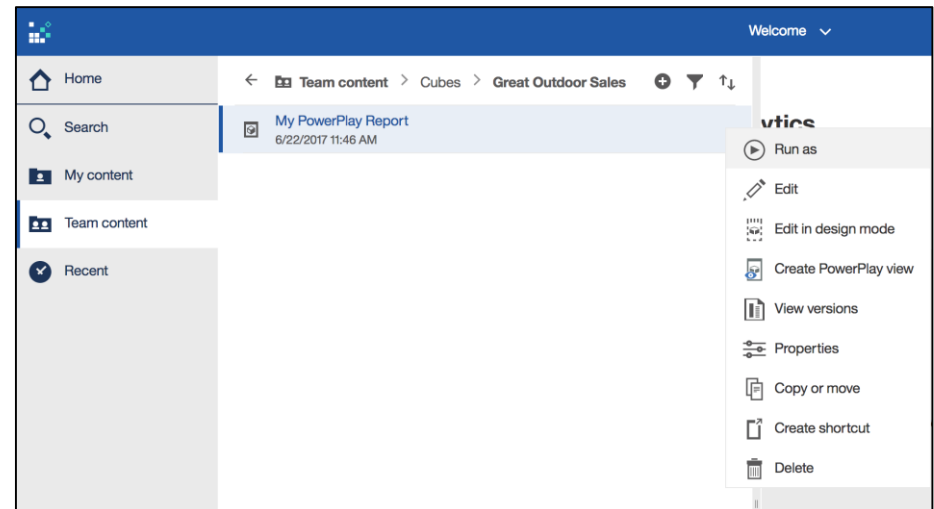
# ESRI maps (EM4C)

- EM4C now works in 11.0.7 (or with IF6009 on 11.0.6)
- Not supported by IBM or ESRI, no guarantee for future releases
- Step by step instructions posted on our Community blogs
- A few known issues (no PDF on IE11)
- Not available for cloud users

Alternative is to reach out to Integeo

- HTML/JavaScript plug-in to Cognos BI reports
- Integrates with Esri server/infrastructure
- Supported, affordable and performant

▼ DATA CONTAINER
　　List
　　Crosstab
　　Visualization
　　Map
　　Repeater table
　　Repeater
　　Singleton
　　Esri Map

# Useful links

- Main Cognos Analytics page + free trial
  - http://www.ibm.biz/cognosanalytics
- What's new in R7 blog (Community):
  - https://www.ibm.com/communities/analytics/cognos-analytics-blog/learn-whats-new-in-the-latest-release-of-cognos-analytics-11-0-7/
- Documentation
  - http://www.ibm.com/support/knowledgecenter/SSEP7J_11.0.0/
- Upgrade guide
  - http://www-01.ibm.com/support/docview.wss?uid=swg21981350

# Upgrade Assistance – Two Options

Our dedicated integration and upgrade staff provides expertise and guidance to smoothly migrate your system to a stable platform with minimal impact on end users.

- Quick Start
  - Installation and configuration of development environment plus full documentation

- Full Upgrade Implementation
  - Full service implementation across all appropriate environments

Read details here: http://www.senturus.com/ibm-cognos-upgrade-services/

Contact us at: info@senturus.com or 888 601 6010 ext. 85

# Who We Are

Business Analytics Consultants

# Bridging the Gap Between Data & Decision Making

# Business Analytics Architects

- Dashboards, Reporting & Visualizations

- Data Preparation & Modern Data Warehousing

- Self-Service Business Analytics

- Big Data & Advanced Analytics

- Planning & Forecasting Systems

- Proprietary Analytics Connector Software
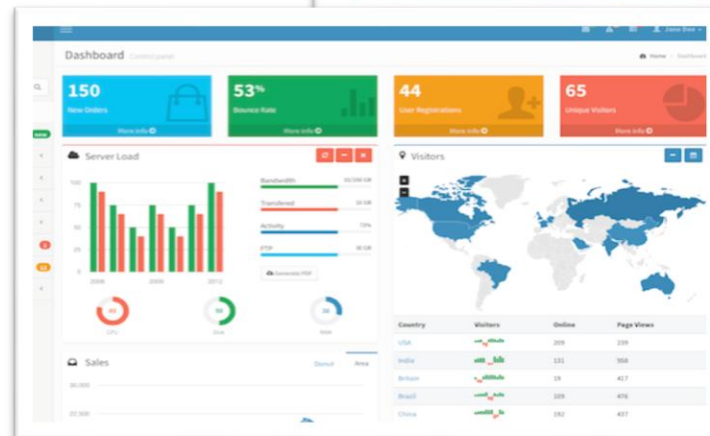
# 1000+ Clients, 2000+ Projects, 16+ Years

SENTURUS

# ADDITIONAL RESOURCES

# Other Resources


UPCOMING EVENTS


RESOURCE LIBRARY


BLOG

**IMHO: Best Features and Capabilities in Cognos Analytics R7**
http://www.senturus.com/blog/imho-best-features-capabilities-cognos-analytics-r7/

**Installing Cognos Analytics v11: Updated Tips for the Latest Release**
http://www.senturus.com/resources/installing-cognos-analytics-v11/

**The New Reporting Experience in IBM Cognos Analytics: Demos of Our Favorite New Features**
http://www.senturus.com/resources/demo-report-authoring-cognos-analytics/
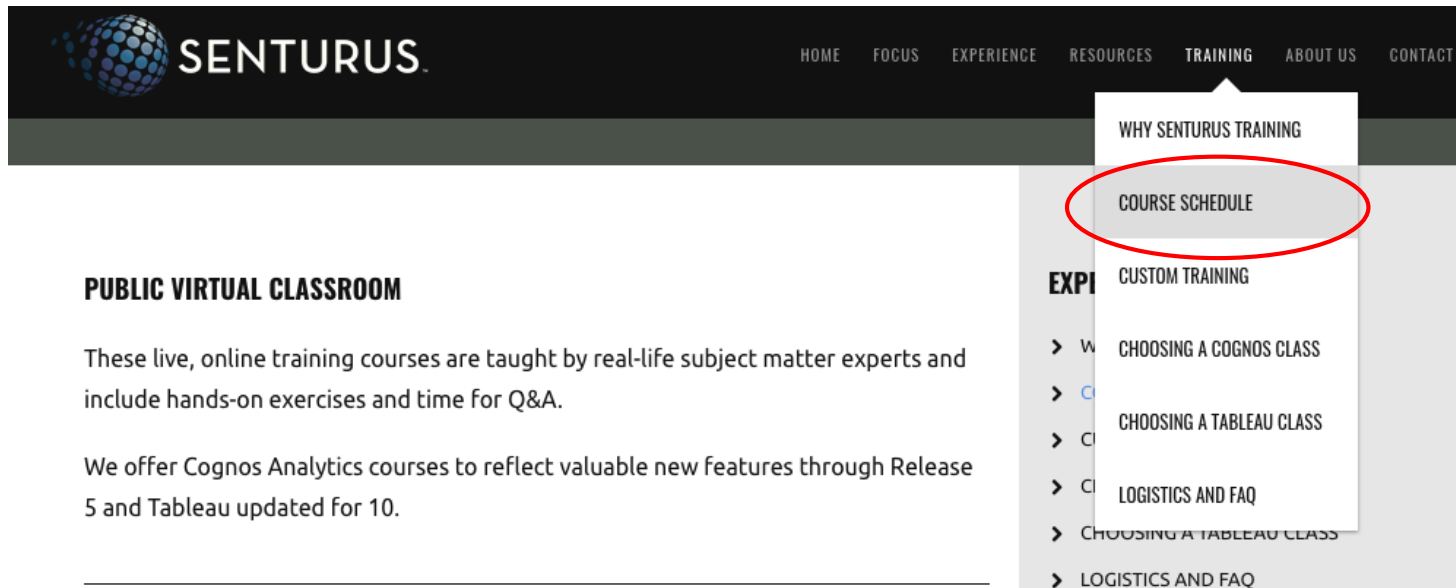
**Cognos Analytics: March 2017 Enhancements**
http://www.senturus.com/resources/cognos-analytics-march-2017-enhancements/

**Cognos Analytics: Using License Roles to Specify Permissions**
http://www.senturus.com/blog/cognos-analytics-using-license-roles-specify-permissions/

# Cognos Training Options – V11 Classes

# Upcoming Events

http://www.senturus.com/events/
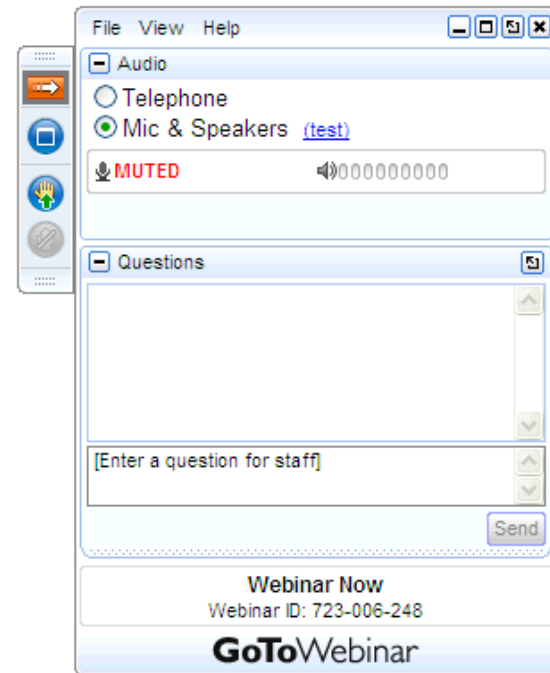


**NOR CAL COGNOS USERS GROUP TO THE RESCUE!**

Friday, September 22, 2017 - 9am - 2:30pm - 5 hours 30 minutes

# Q&A

If your question or issue is broader than what can be answered today, contact us at

info@senturus.com

and we will set up a free consultation.

# Thank You!

www.senturus.com
info@senturus.com
888 601 6010

SENTURUS