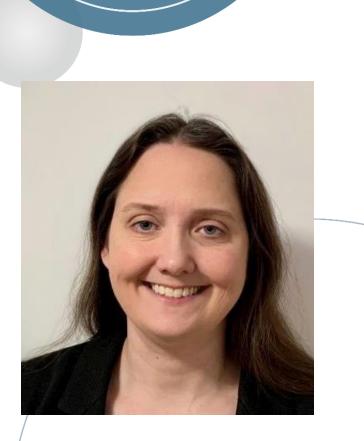
## **BLUE Cloud Analytics:** *Roadmap with new and upcoming capabilities*



Hilary Prisbylla Director of BC Analytics

# Agenda

- Overview
- Technical Updates
- Pilot Updates
  - ODBC connections & Push API
  - BCA Private Suite
- Platform Analytics!

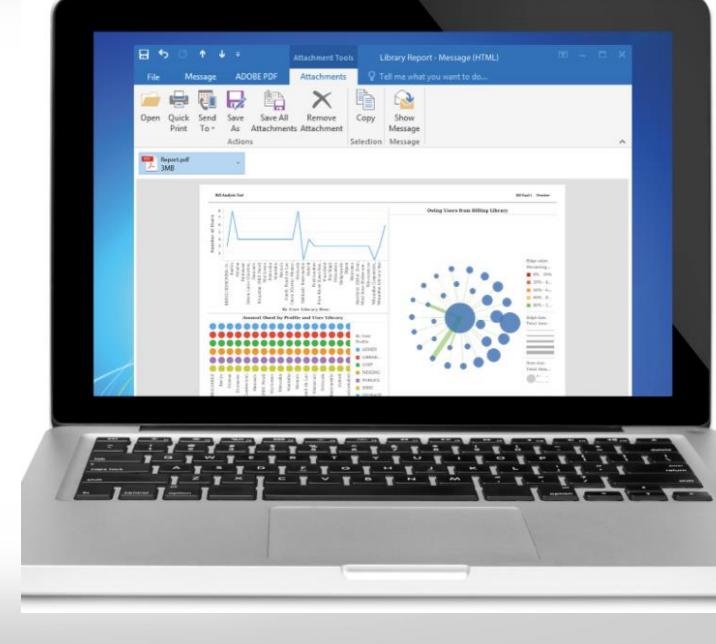


## What is BLUEcloud Analytics?

- Enterprise-level Analytics and Reporting tool
- Big picture overview with professional visualizations
- Ability to drill down to granular view
- Includes ILS and external data sets
- Leverages MicroStrategy

SirsiDynix®

CONNECTIONS



## **Technical Updates**

- Ongoing Maintenance
  - Efforts to improve existing infrastructure transform times & performance
- MicroStrategy ONE update 10 release planning underway
  - Currently on 2021 platform u 6 (2021 = ONE)
  - Continued improvement to dossier functionality
- Dossiers are the future!
  - Updated training & development of a "Dossier Catalog"
- Major Infrastructure Upgrade
  - Replace existing BCA warehouse and ETL processes



## **Pilot Update: ODBC Connection**

- Direct connection to ILS data
  - Not designed to replace existing ETL (Extract Transform Load) process
  - Create custom cubes using freeform SQL queries
  - Useful for reporting on data that is updated more frequently, not currently available in BCA, or not in the desired format
    - Examples:
      - cash management
      - current shelving information
      - item and user counters for notices

## **Pilot Update: ODBC Connection**

#### <u>Horizon</u>

- Currently Available to SAAS sites
- Release planning underway for locally hosted sites using Stunnel to secure connection
- Easier path to using BCA for existing Web Reporter customers using existing SQL queries

#### <u>Symphony</u>

- piloting ODBC with SAAS sites
- SQL creation is trickier
- Symphony is made up of flat files & database components
- Requires additional joins for policy translation
  - Future BCA section on SDSC developers' site
- Begin pilot with locally-hosted Symphony using Stunnel

## **Pilot Update: BCA Push API**

- Automated Push API for 3rd party data-sets
- MicroStrategy Web Service calls in JSON format
  - Requires coding by customer (scripting knowledge)
- Investigating potential Service Catalog offering



## Pilot Update: BCA Private Suite Add-on

- Formerly known as Private Intelligence Server
- Why was it called Private Intelligence Server?
  - The original component sold to customers was for the MicroStrategy Intelligence server (core) component
    - Offered better subscription handling/performance/etc.
  - Over the last year, working with customers as part of a pilot process we've expanded on the original components and functionality

### Pilot Update: BCA Private Suite Add-on

- Dedicated components (hosted by SirsiDynix)
  - Intelligence Server
  - Web server
  - MicroStrategy API/Library Server
  - Platform Analytics
  - Additional configuration options
  - Additional administrative control
  - Improved troubleshooting



## **Pilot Update: BCA Private Suite**

Enhanced Configuration & Administration Pilot Testing Areas

- MicroStrategy Workstation (locally installed client)
  - User management (edit existing users/modify passwords)
  - Subscription & Schedule management
  - Monitor jobs, cubes & caches
  - Create security filters to limit access to PII data
  - Add 3rd party data using built-in connectors like Google Drive etc
- MicroStrategy Library interface (new web interface)
  - Designed for consumers (presentation mode)
  - Responsive
  - Administrators can certify content
  - Create content groups
  - Branded applications
- MicroStrategy API
  - Embedding options

### MicroStrategy Workstation

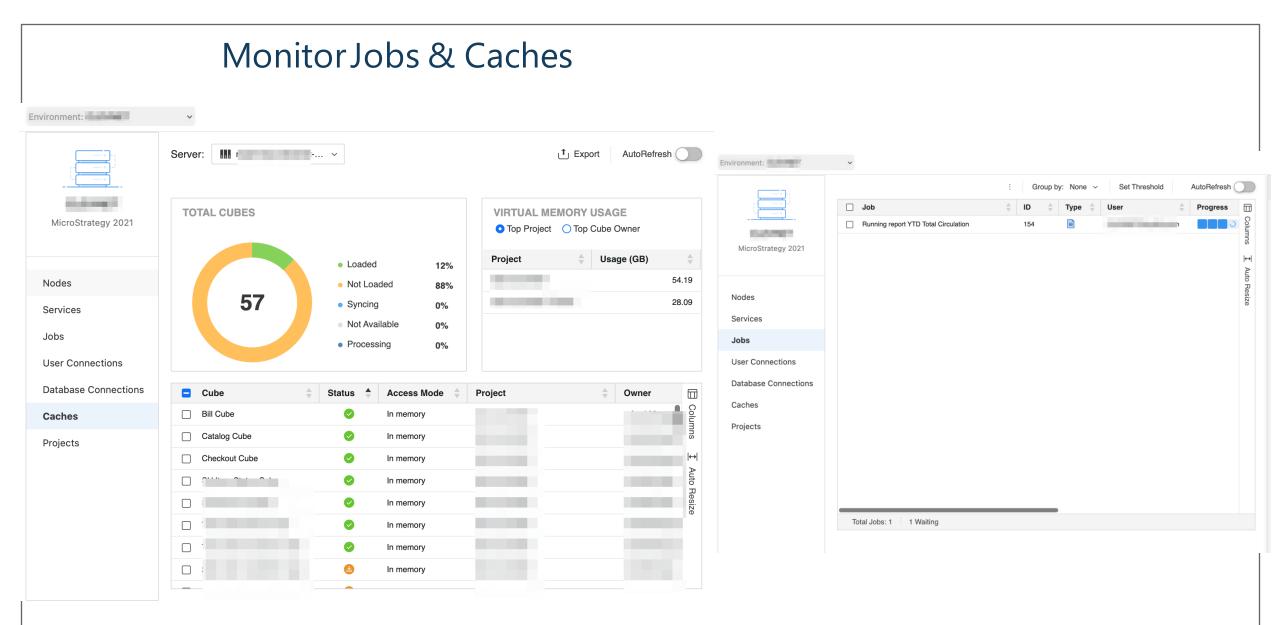
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## **Platform Analytics!**

-available with August BLUEcloud release

Monitoring platform – How is BCA being used?

- Track user activity/manage inactive accounts
- Review popular reports
- Track report usage for accountability purposes
- Identify & balance subscriptions for better performance
- Identify subscriptions to transfer with staffing changes

### Private Suite customers

• direct access to delivered dossier

Multi-tenant customers

- receive monthly emailed reports (2 emails w/attached spreadsheet)
- open a case on the SDSC to "opt-in"



#### **BCA Private Suite: Platform Analytics Delivered Dossier**

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#### **Platform Analytics Spreadsheets**

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## Questions?

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