



ibi Golden Summit

Beyond the Horizon: ibi Product Roadmap

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Agenda

- ibi Roadmap

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- ibi Roadmap
 - Roadmap Drivers
 - Upcoming Product Features

Roadmap Drivers



Roadmap Drivers



- Simplify analysis and content creation
- Share, Collaborate, and Automate
- Access any data, from any system
- Scalable to any size
- Simplify management of content & systems
- Meet users where they are

Simplify analysis and content creation





“There's a comfort in things that are straightforward and have a purpose.”

-Johnny Galecki, born in 1975

Available now

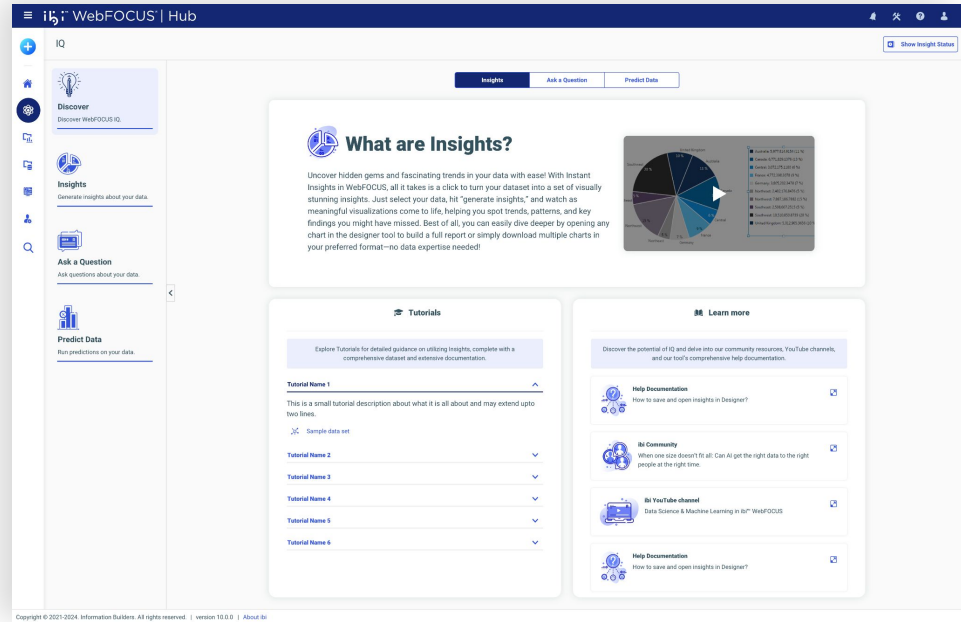


- Designer Charts & Reports
- Designer Maps
- AHTML output format
- Designer Documents
- Designer Pages & Portals
- Natural Language Queries
- Instant Insights
- Machine-Learning Functions

AI-driven Content in WebFOCUS Hub



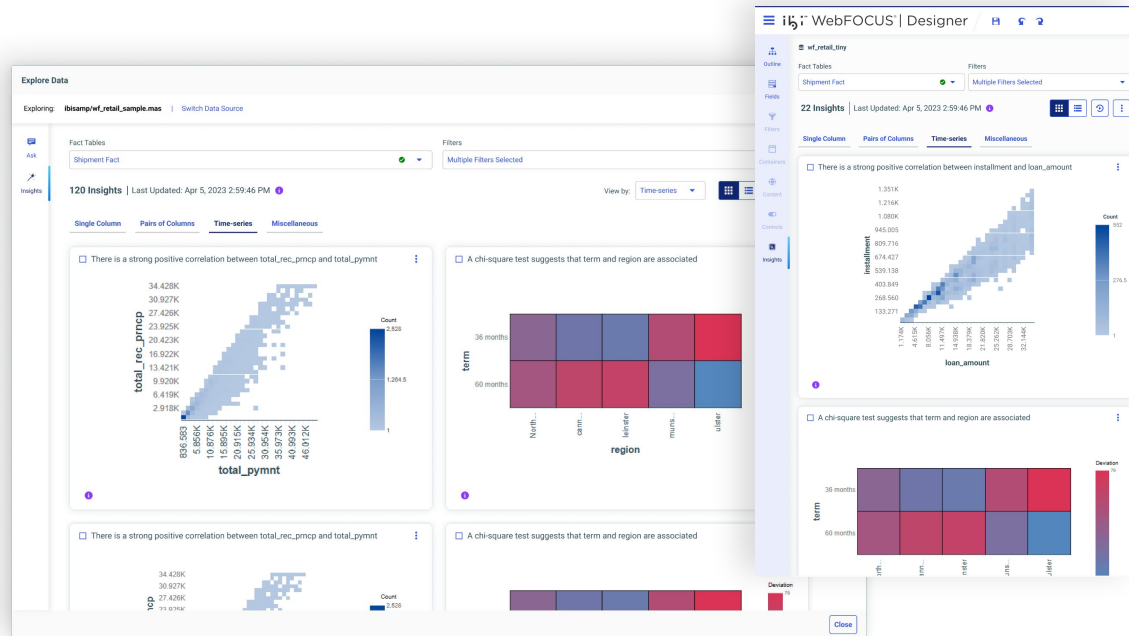
- An engaging, centralized hub for all DSML data functionalities.
- Simplifies data discovery and exploration in one place.
- Enables predictive analysis and automatic insights generation.
- Streamlines your data journey from start to finish.



Improved UIs for Insights & ML Functions



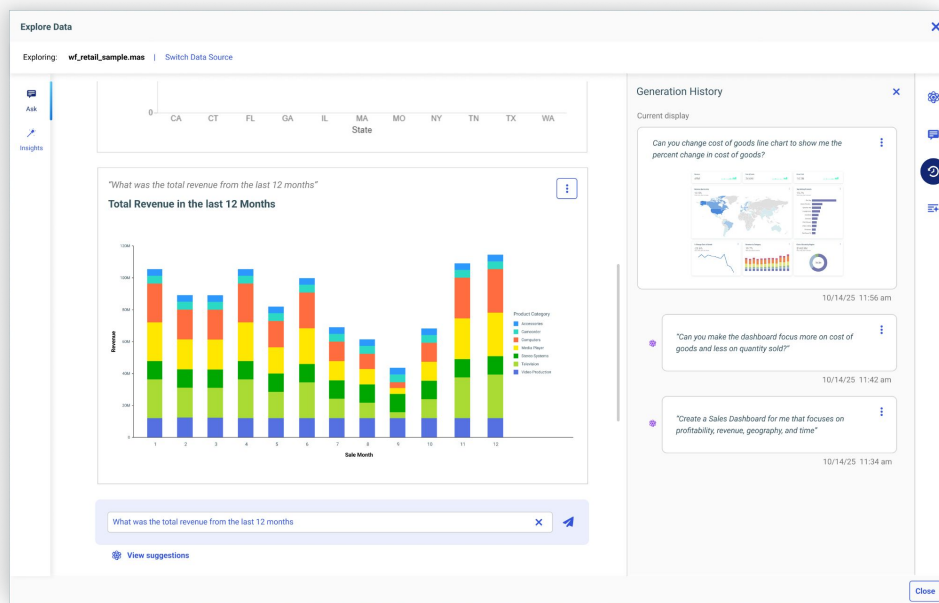
- Enhanced Insights view allows a user to quickly scan and choose which Insights are most relevant to their analysis
- Consistent Insights view in both the Hub and Designer
- Step-by-step workflow for ML Functions makes it easy to train or run models
- Keep the default parameters for the recommended results, or tweak for more refined models



Conversation History in Explore Data



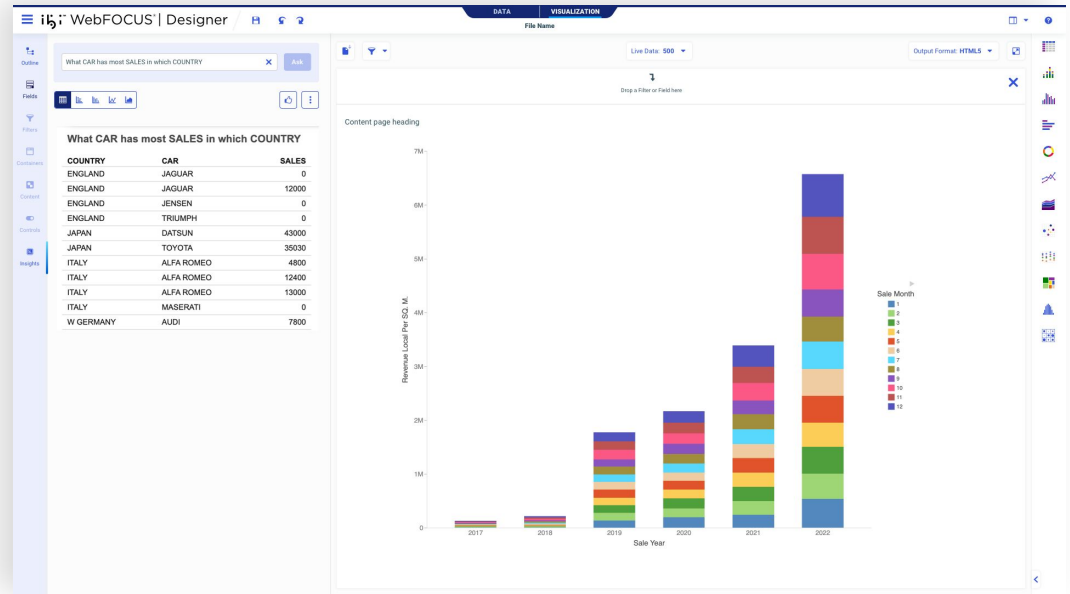
- Enables natural, multi-turn conversations with your data.
- Retains context for seamless follow-up questions.
- Allows users to drill down for more specific answers.
- Improves engagement with NLQ capabilities.



NLQ for creating visualizations



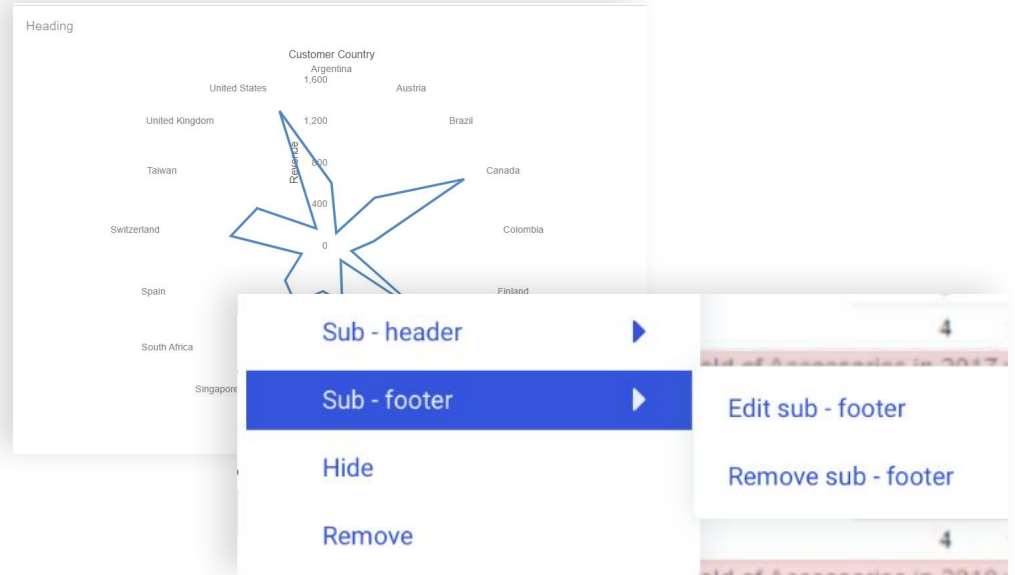
- Use text to generate charts and reports directly in Designer
- Efficiency in content creation with the NLQ integration
- Easy to use and intuitive interface



Feature Parity in Designer



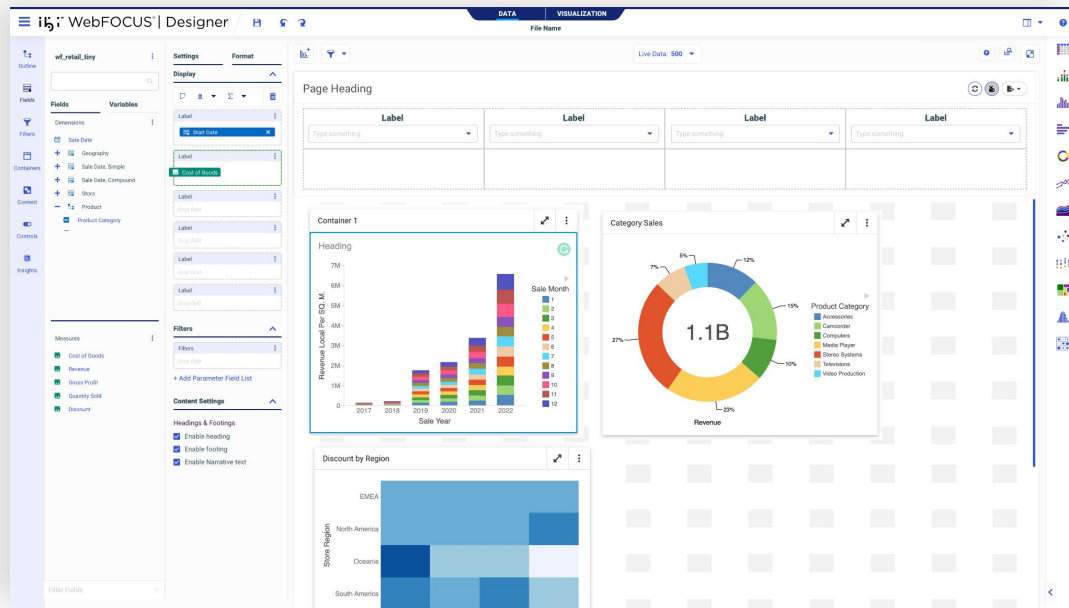
- Closing the gap from InfoAssist and App Studio
- Enables the ability to enhance existing content with new functionalities
- Open content from legacy authoring tools without running a migration process
- Continual updates through LTS release
- Coming in 9.3.6: Report/Table headers and footers, plus subhead/subfoot



Streamlined Workflow Enhancements



- Combine content creation and dashboard building
- Eliminate workflow confusion
- Seamlessly create and integrate content
- Streamline new user onboarding



Share, Collaborate, and Automate





“Live from New York, it's Saturday Night!”

-Every episode of Saturday Night Live since 1975

Available now

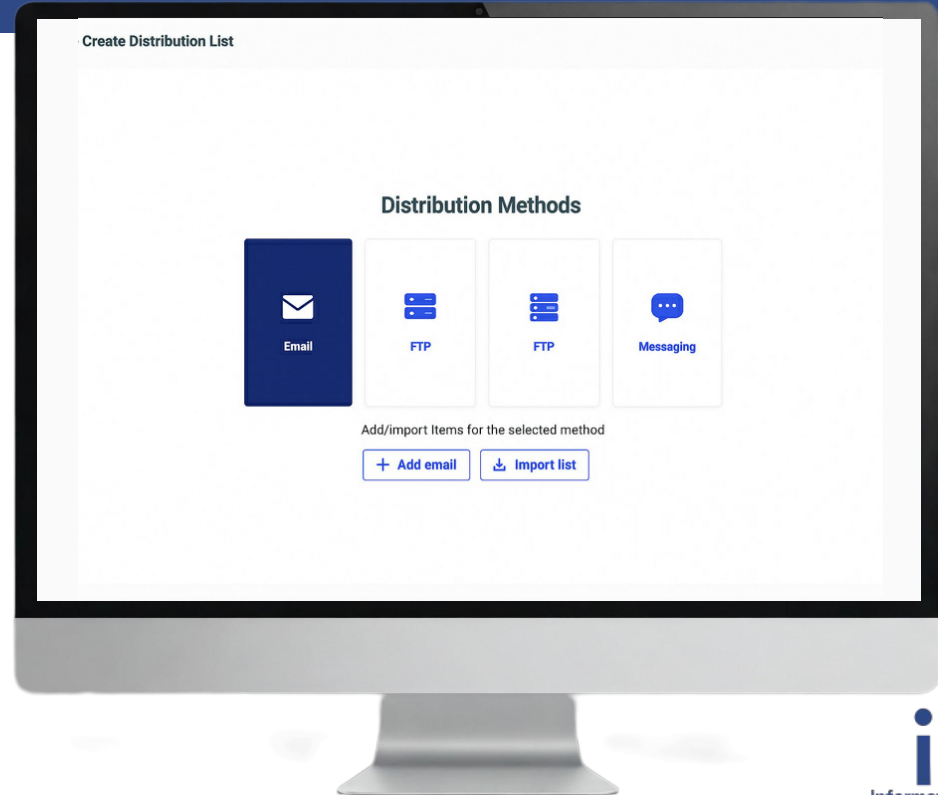
- ReportCaster
- Data Migrator flows
- iWay Service Manager



Distribution to Messaging Apps



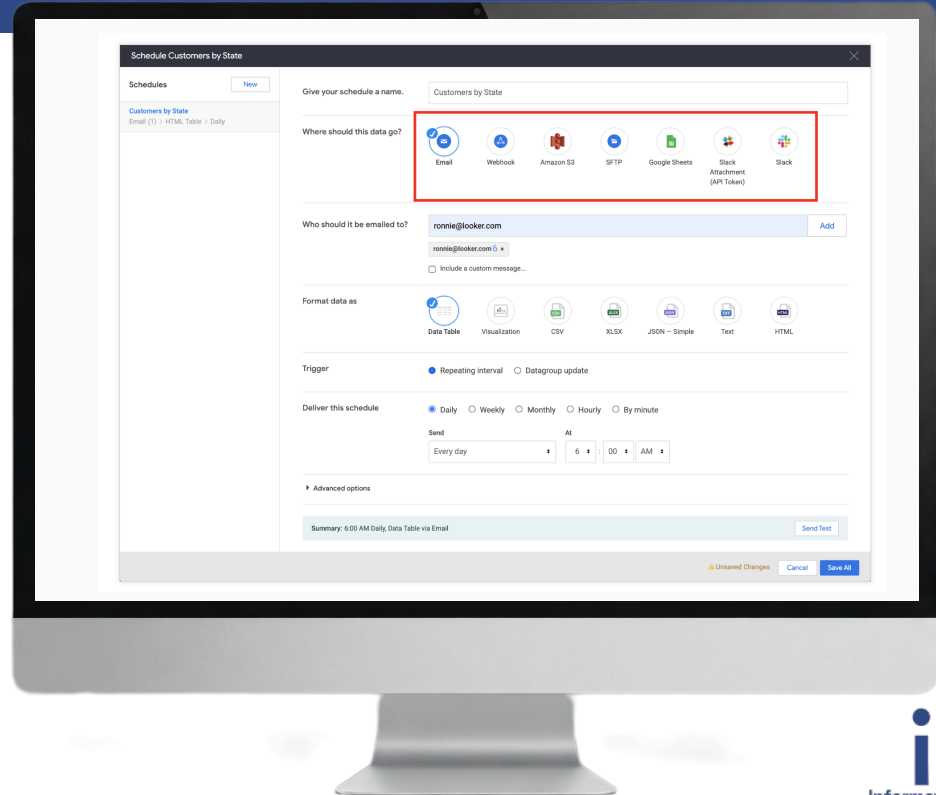
- Distribution to messaging apps like Teams, Google Chat, and Slack
- Send to individuals, group chats, or channels/teams
- Support Bursting: Generate segmented reports
- Relevant Reporting: Deliver segmented reports to relevant recipients



Distribution to the Cloud



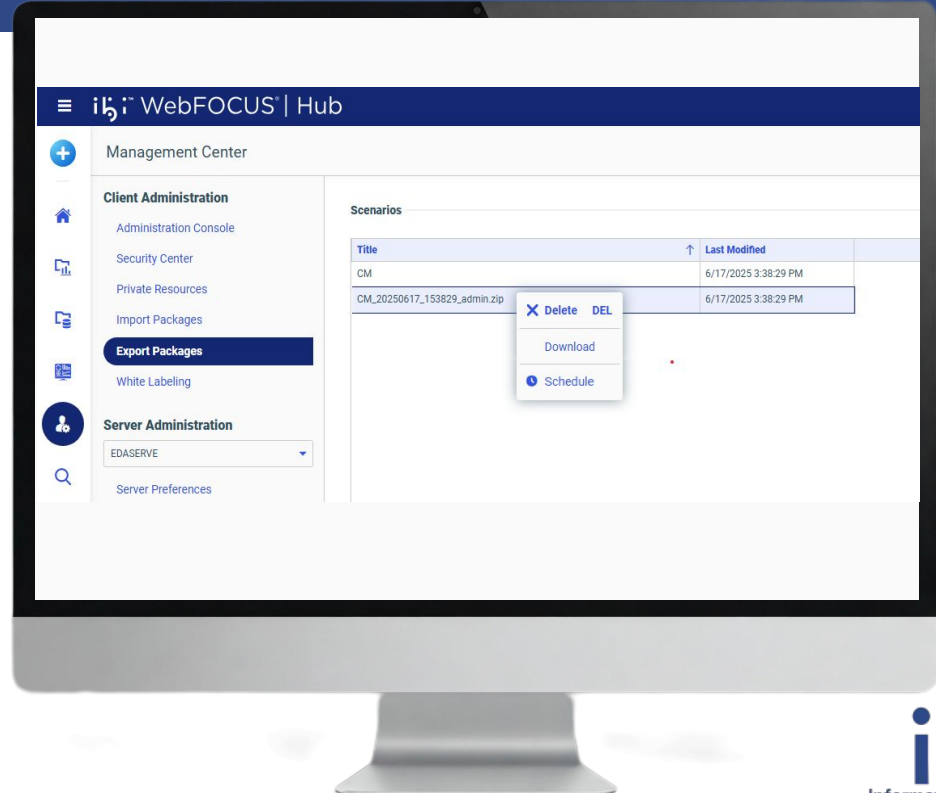
- Distribute to AWS S3, Google Drive, or Sharepoint
- Increased Flexibility: Supports Cloud storage strategies.
- Better Collaboration: Allows users to access and share reports using their preferred platforms
- Enterprise Integration: Aligns with enterprise cloud ecosystems (AWS, Google Workspace, Microsoft 365)



Schedule Change Management



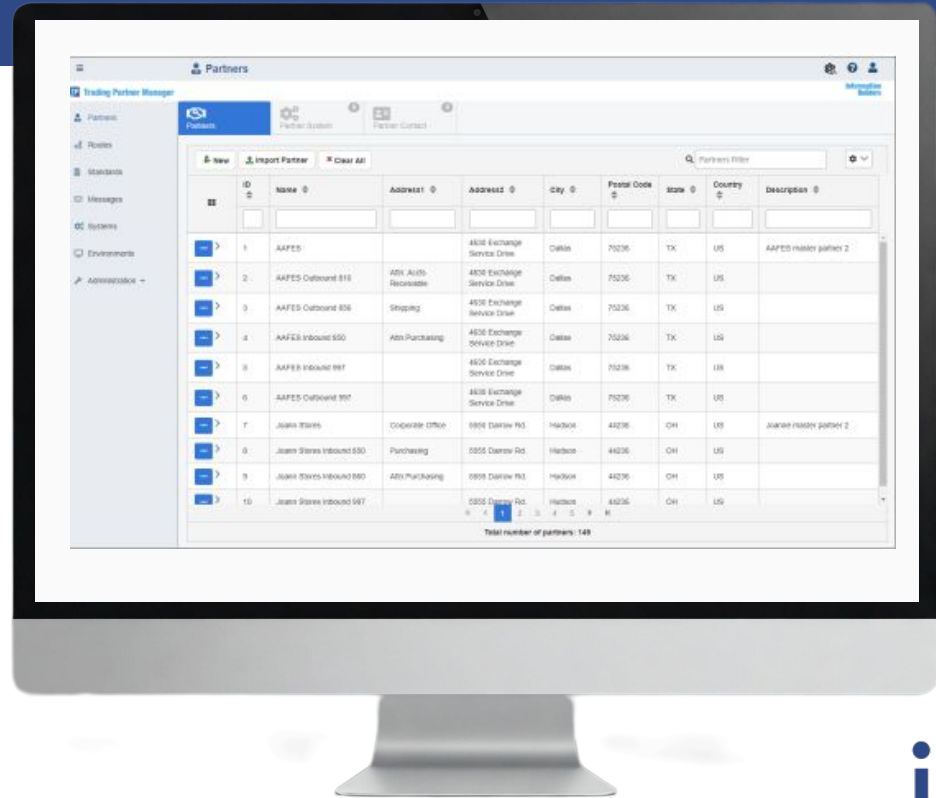
- Schedule import or export of change management packages through ReportCaster
- Automated Backup/archives: will be taken without any manual intervention
- Reduced Errors: Minimizes the risk of human error compared to manual exports/imports.



iWay Modernization



- All iWay components to support JSON formatted messages
- Support for data stream in PGP encryption agents
- New Web UIs with a consistent look and feel to Data Intelligence Hub



Access any data, from any system





“We wanted to provide the missing key to give people the information they need, when they need it, regardless of where the data resides.”

-Gerry Cohen, ibi co-founder

Available now

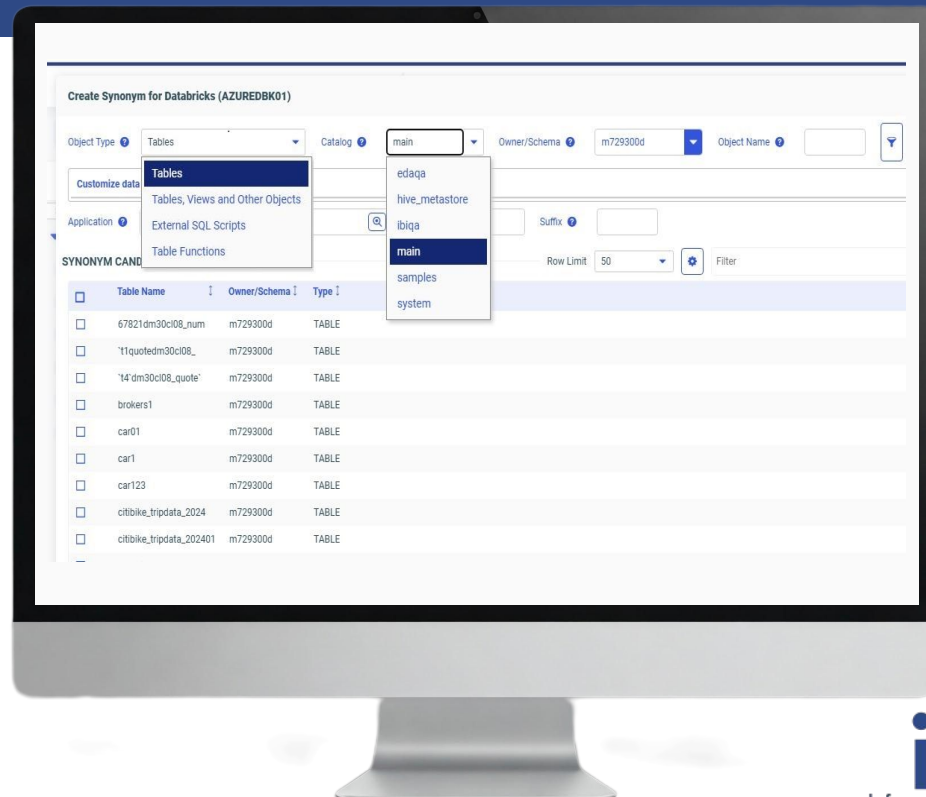


- 70+ read/write adapters
- Data Migrator
- Data Quality
- Open Data Hub for Mainframe

Databricks Adapter Updates



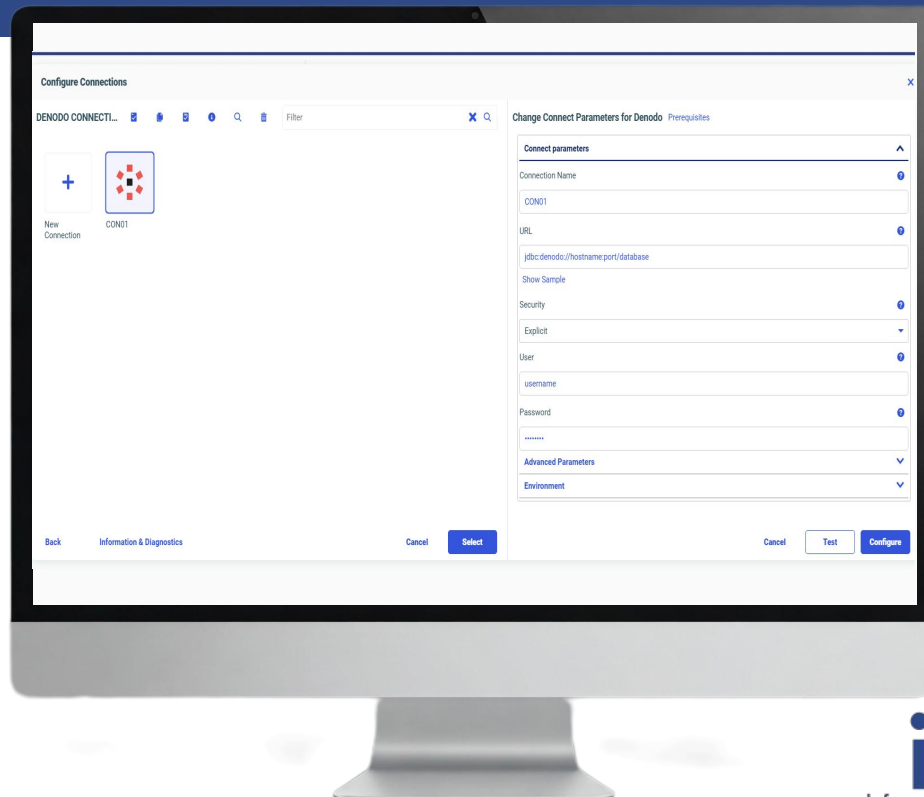
- First launched in WebFOCUS 9.3.5, providing:
 - Databricks data object as a source in the Data Flows and Reporting
 - Metadata generated using Unity Catalog - tables, views, and table functions
 - Utilizes JDBC drivers
 - Apply native aggregation, sorting, and filtering.
- Option to use ODBC drivers
- Perform bulk load in Data Flow
- Upsert (insert/update) functionality



New Denodo Adapter



- A data virtualization platform itself
- Read/write capabilities
- Bulk load



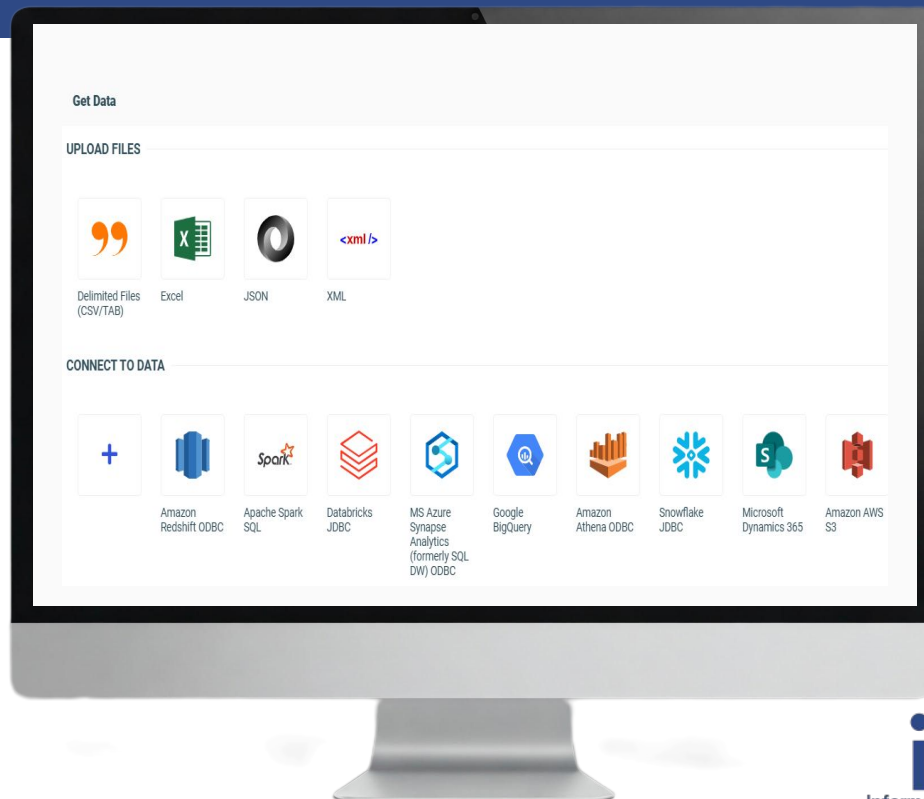
Next-Gen of Adapters



- Azure Storage BLOB for Cloud native adapters
- Certified access and Changed Data Capture capabilities for Db2 V13 for z/OS

Updates to both Cloud & On-Prem adapters:

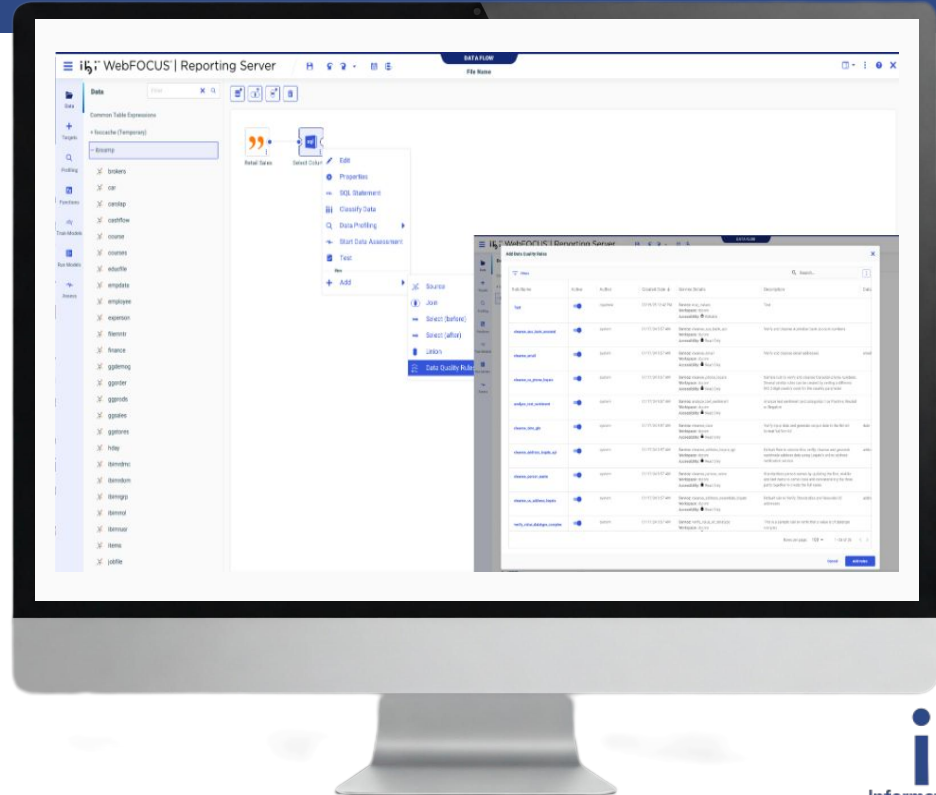
- Passwords with special characters during Bulk Load
- Table Function support
- Optimized data retrieval
- Support for Stored Procedures



Integration of DQ Rules in Data Migrator



- Bring the power of Data Quality directly into Data Migrator flows
- Use the provided Data Quality rules or define your own custom rules
- Automatically cleanse data during ETL process
- Load the cleansed or merged data into the target table



Scalable to any size





"You're gonna need a bigger boat."

-Chief Brody in *Jaws*, 1975

Available now



- WebFOCUS Container Edition
- DSML Services Container Edition
- Pre-built container images
- Hybrid Cloud configuration options
- Feature parity Cloud vs On-Prem

Additional Platform Support



- WebFOCUS Container Edition
 - Pivotal Cloud Foundry (PCF)
 - AWS ECS (EC2, Fargate)
- DSML Container Edition
 - Docker and Podman compose support for RHEL 9, Window and Ubuntu
- Data Intelligence
 - Openshift
 - Podman and Podman-compose for Linux
- **Plus new support for DockerHub and JFrog for direct integration to CICD pipelines**



Data Intelligence Pre-built Images



- Pre-built images included in the installation on eDelivery
- No need to build docker images
- Fastest way to try out in non-prod env



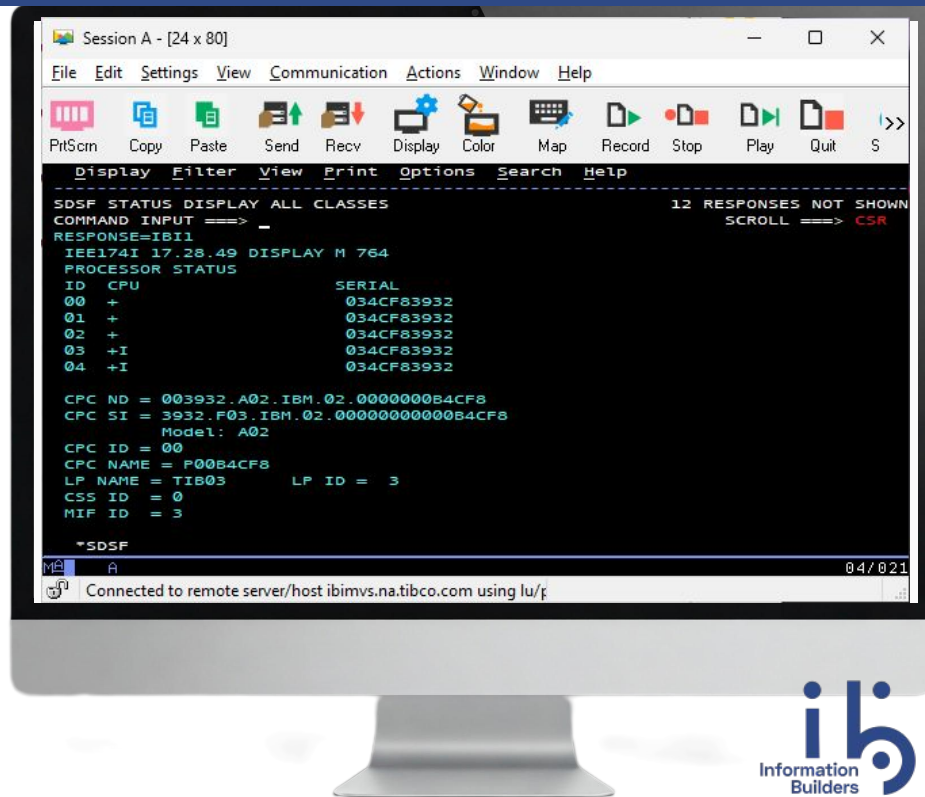
Capacity On Demand in FOCUS



The current FOCUS licensing limits the product to a specific CPU Model and serial number.

When Capacity On Demand is active, the effective capacity model is changed which could also change the number of CPs.

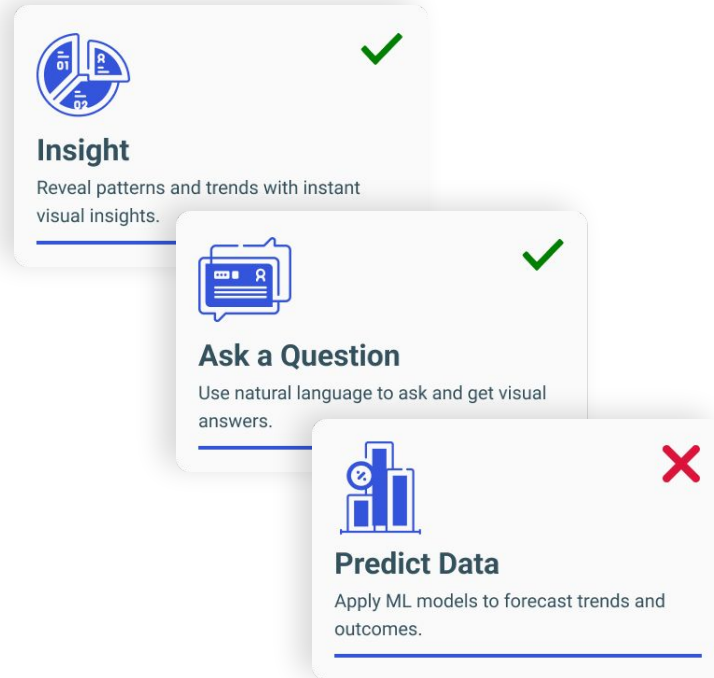
If a license is created for Capacity On Demand then the license will allow any capacity to be run on the same serial number.



Modular Install of DSML Services



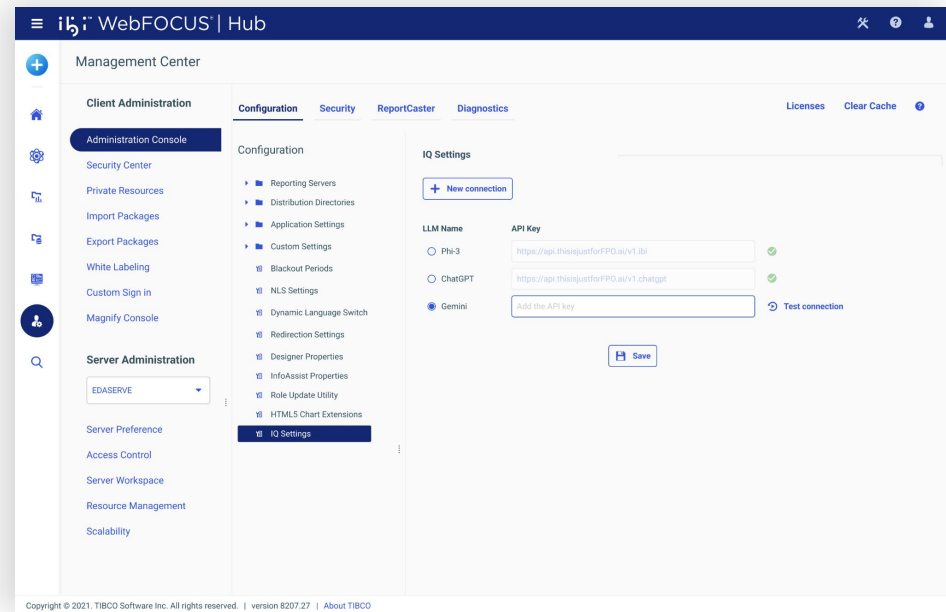
- Empowers users to select and install DSML services individually
- Provides the ability to allocate resources where needed
- Enables quicker deployment and customizes the DSML experience
- Allows for seamless addition of services as needs evolve



Using External LLMs



- Empowers users to connect WebFOCUS IQ's NLQ to their chosen external Large Language Models (LLMs), such as ChatGPT or Gemini
- Reduces hardware barriers by enabling use on CPU machines
- Configure and test connections easily via the WebFOCUS Hub's Admin console



Simplify management of content & systems





“Make the hard stuff easy and the easy stuff automatic.”

-Core tenet during Designer launch

Available now



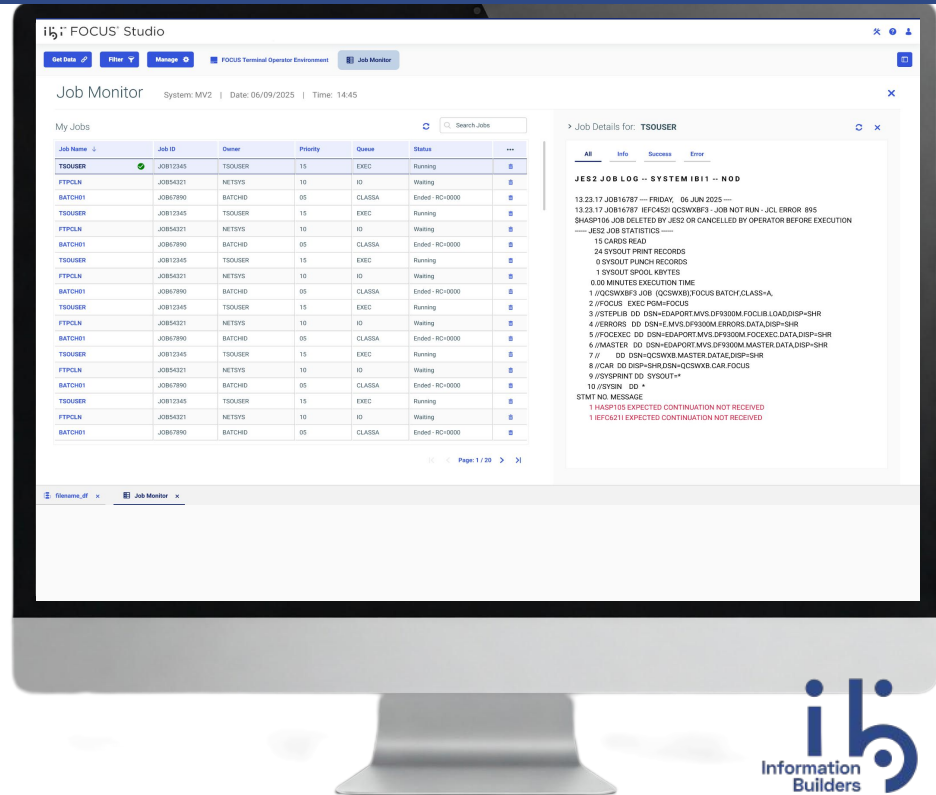
- WebFOCUS Hub
- Administration
- Search
- Plugins
- Data Intelligence Hub
- FOCUS Studio

FOCUS Studio Job Monitoring Tool



From within FOCUS Studio:

- ➔ See a list of submitted jobs
- ➔ View jeslog with highlighted errors



Observability Across the DI Stack



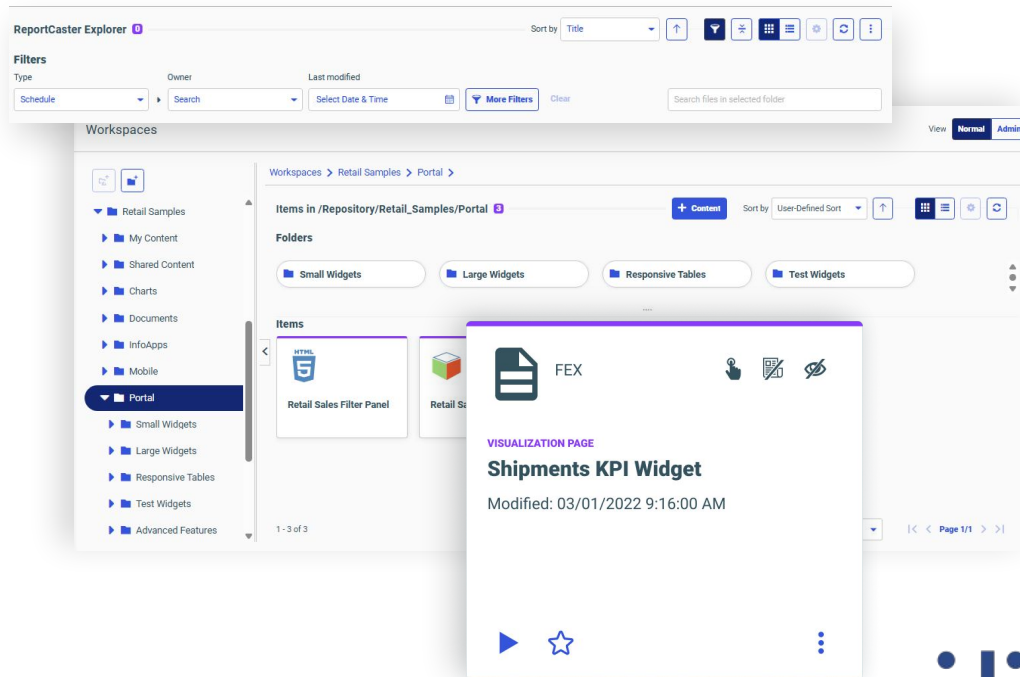
- Monitor Metrics, Traces, and Logs from DQ, Dedupe, and iWay
- Built on Open Telemetry (OTel), an industry standard.
- Default Implementation uses Grafana Stack, but also interoperable with commonly used tools like Splunk and DataDog via OTel.



Continued UI Updates in WF Hub



- Updated interfaces in the Home and Workspaces areas with improved performance and navigational enhancements
- Additional filtering options from Hub views
- Updated, more informative tiles
- Merging Repository and Server Application content into a single view for convenient access



Extended Search Functionality



→ Ability to search on the contents of files in WebFOCUS

- Easily find procedures, Master Files, and other file types with shared columns, filters, and other keywords
- More easily update affected content when the files they are dependent upon are modified or moved

→ Search on the contents of indexed reports

- Create multiple, custom indices for content with similar data

The image shows a composite screenshot of the WebFOCUS search interface. On the right, a search panel titled 'Search WebFOCUS' is visible. It includes a search bar with the placeholder text 'Search (use * ? * + to refine)', a 'Search what?' section with tabs for 'Items', 'Values', and 'Content', and several dropdown menus for filtering search content: 'Search content in' (All file types), 'File properties' (All properties), 'Content in' (All workspaces), 'Data in' (All reporting servers), and 'All application directories'. Below these are 'Clear' and 'Search' buttons, and a 'Questions? Get Search help' link. On the left, two overlapping preview windows for a 'Chart' asset are shown. The top window displays a truncated search result: 'This is the asset title and can wrap up to two lines if necessary- it's quite long' followed by a long, wrapped paragraph of placeholder text. The bottom window shows the full asset details, including the same truncated title, the full wrapped text, and metadata: '11kb Last modified: 12/20/20 Author: J Morris'.

Meet users where they are





“A leader is powerful to the degree she empowers others.”

-Fortune cookie

Available now

- White Labeling
- Designer Portals
- Embedding options



White labeling enhancements



- Apply links to the logo in WebFOCUS interfaces
- Customize default icons for different types of files
- Manage multiple white labeling themes and make them available to different users and groups
- Expanding the scope and flexibility of white labeling to better support multi-department and embedded use cases

The screenshot displays the 'WebFOCUS | Hub' Management Center interface. The left sidebar contains navigation menus for 'Client Administration' (including Administration Console, Security Center, Private Resources, Import Packages, Export Packages, White Labeling, Themes, Custom Sign-in, and Magnify Console) and 'Server Administration' (including EDASERVE, Server Preferences, Access Control, Server Workspaces, Resource Management, and Scalability). The main content area is titled 'Themes' and includes a descriptive paragraph: 'Create and enable custom themes for your teams to use as desired. The theme editor allows Admins to customize color palettes to be used in the platform UI, charts and visualizations, and auto-generated insights. Configure and manage the themes that the organization uses.' Below this, there are two sections: 'User Interface' and 'Charts & Visualizations'. The 'User Interface' section lists themes like 'WebFOCUS 10.0.0', 'WCE Theme', 'Light 2022', 'Midnight', and 'High Contrast', each with a toggle and a brief description. The 'Charts & Visualizations' section shows 'System defaults' (Designer 2018, Midnight, Vivid) and 'Custom' themes (WCE Global, Winter Holiday, Customer 2022 - Sales, Festive). A modal window titled 'Appearance' is overlaid on the right, showing 'General Info', 'Preferences', and 'Tool Settings' tabs. The 'Appearance' section displays three theme preview cards: 'Light', 'Midnight', and 'Dark', each with a radio button for selection. At the bottom of the main interface, there are 'Reset defaults' and 'Save' buttons, and a footer with copyright information: 'Copyright © 2021-2025, Cloud Software Group, Inc. All rights reserved. | version X.X.X | About Us'.

Theme Editor



- Create themes for charts, reports, pages, and portals without the need for manual coding
- Straight-forward GUI and preview makes it easier to see which styling properties to apply
- Set CSS for page and portal elements without complicated selectors

The screenshot displays the 'WebFOCUS | Hub' interface. On the left is a 'Management Center' sidebar with sections for 'Client Administration' (Administration Console, Security Center, Private Resources, Import Packages, Export Packages, White Labeling, Theme Editor, Magnify Console) and 'Server Administration' (EDASERVE, Server Preferences, Access Control, Server Workspaces, Resource Management, Enterprise Usage Monitor). The main area is titled 'Festive Theme (Charts & Visualizations)'. It features a preview of a 'Page Heading' with a yellow background and three 'Filter title' dropdowns. Below this are two 'Container title' sections with purple title bars and grey content areas. On the right is a 'Content Styling' panel with tabs for 'Page, Container and Filter', 'Charts', and 'Report'. The 'Page, Container and Filter' tab is active, showing settings for 'Page' (Title format: Corsiva, font size: 22, weight: pt, background color: yellow), 'Filter' (Title color: dark grey, Background color: cyan), and 'Container' (Title format: Source Sans Pro, font size: 14, weight: pt, Title bar background color: purple, Content background color: grey). At the bottom of the preview area are 'Cancel', 'Reset', 'Preview', and 'Save' buttons. A small 'About ibi' link is visible at the bottom right of the main area.

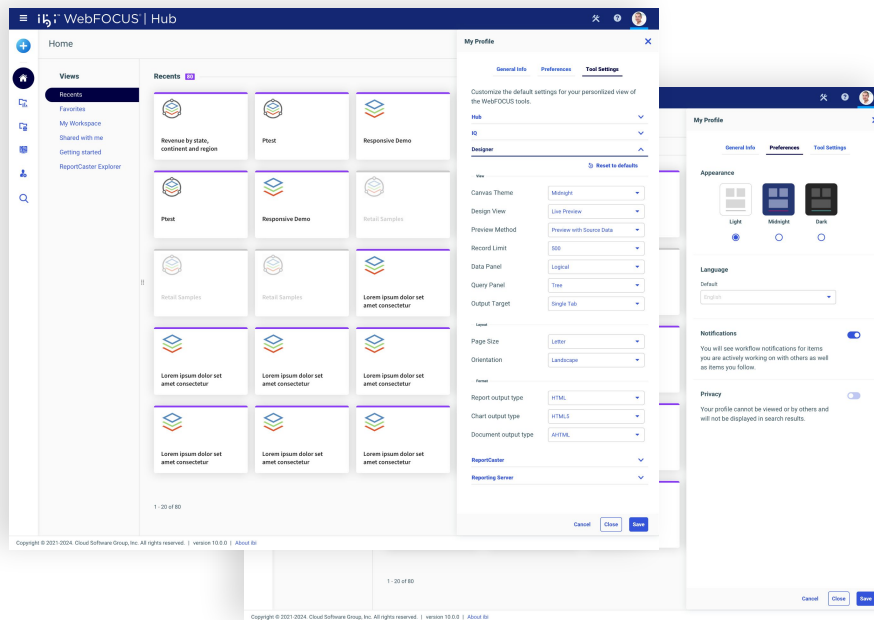
Festive
Created on 12/10/2024

Toggle switch and menu icon

Personal User Preferences



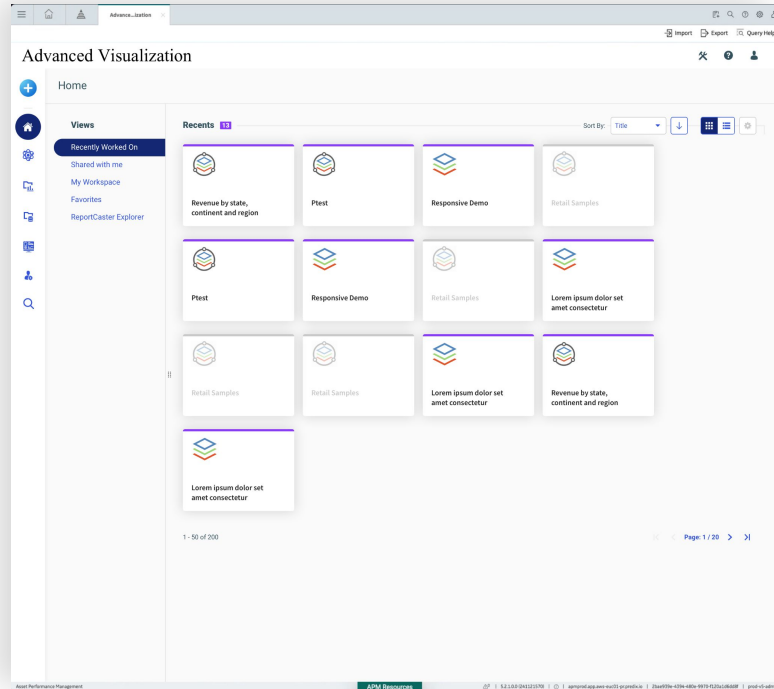
- ➔ Options for users and administrators to set the default view of the Hub
- ➔ Granular options for administrators to control which options other users can see and access
- ➔ A user preferences menu to change certain settings as an individual user



Embeddable Modules



- A search widget container that will allow access to WebFOCUS search and search results from a Designer Page or Portal
- Direct URLs for each view of the Hub to facilitate embedding into a portal or an external web application
- More options for hiding or showing components within each view



Multiple Languages Support in DSML



- Expands NLQ beyond English to other languages.
- Empowers international users to ask questions in their local language.
- Boosts accessibility and engagement in other regions.



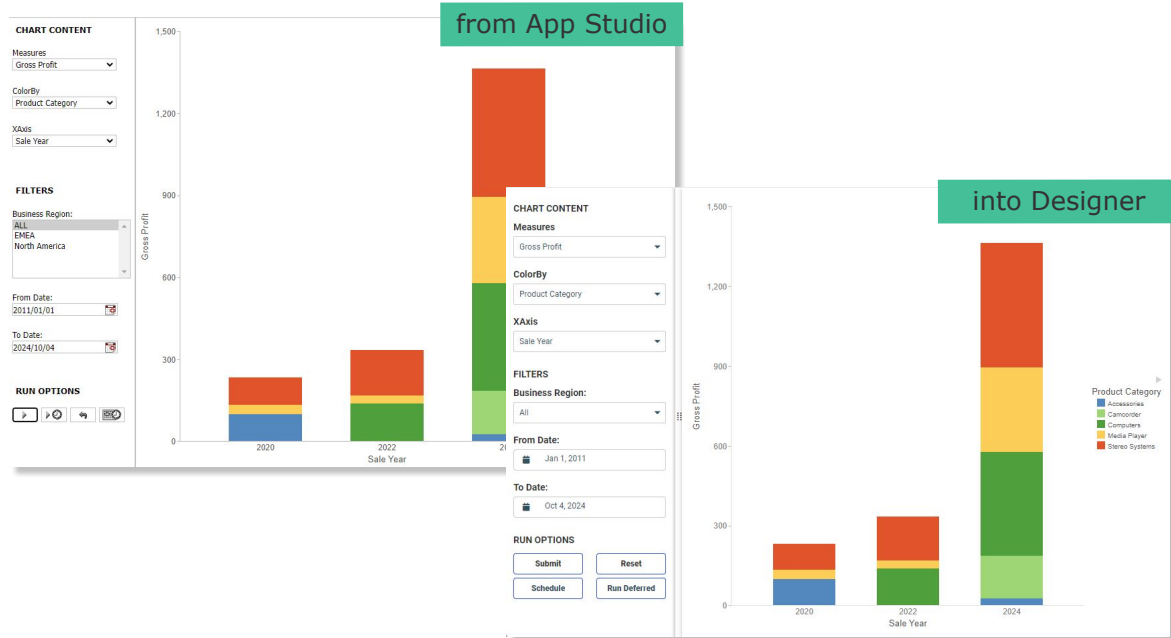
Change doesn't have to be scary!



HTML Pages Migration



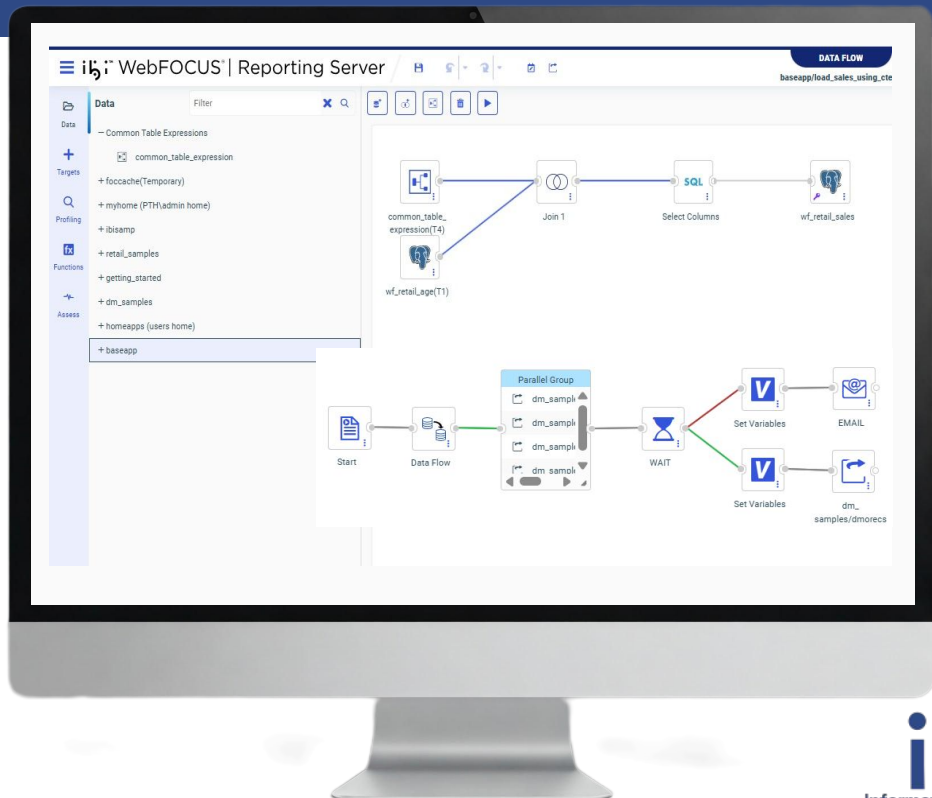
- Enable users to migrate HTML pages from App Studio to Designer Pages.
- Streamline HTML editing within Designer.
- Boost user productivity.
- Increase Designer adoption.



DMC on the Web



- Closing the gap between Data Management Console and Data Migrator web UIs
- Take advantage of new features exclusive to the web UI
- Plus coming soon:
 - Contextual help implementation
 - Bulk Load Utility via disk file
 - Change data capture to multiple targets
 - Outlier data profile



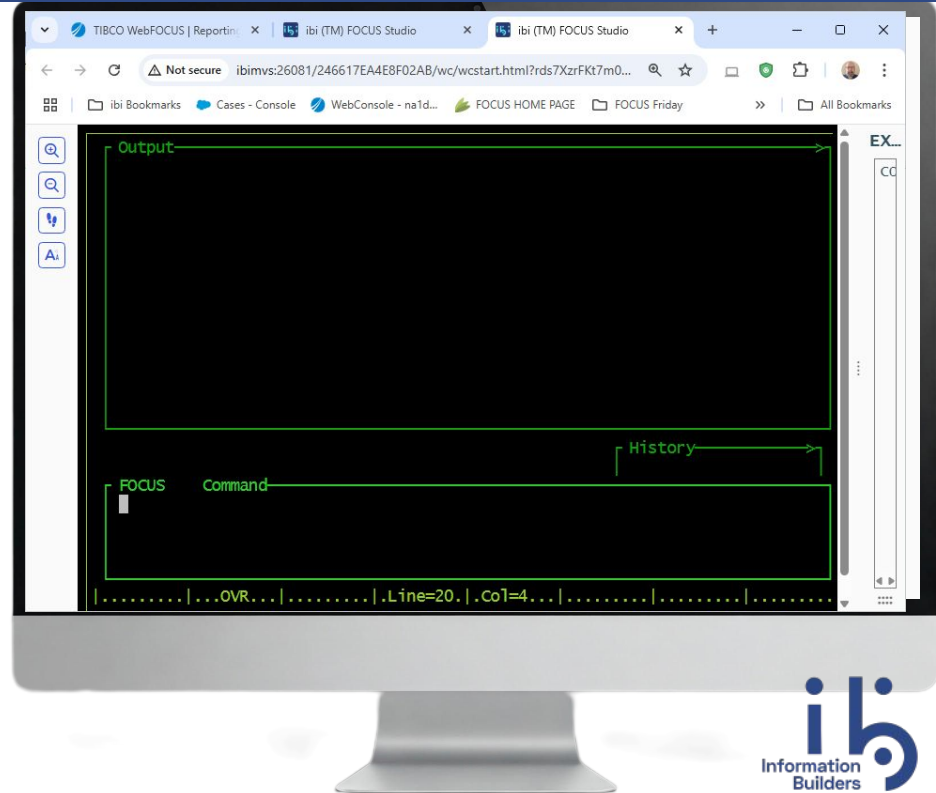
FOCUS Studio on More Platforms



Are you still running FOCUS for Unix?

Do you want to take advantage of newer features like XLSX support and Active Reports without losing your current application's interactive aspects?

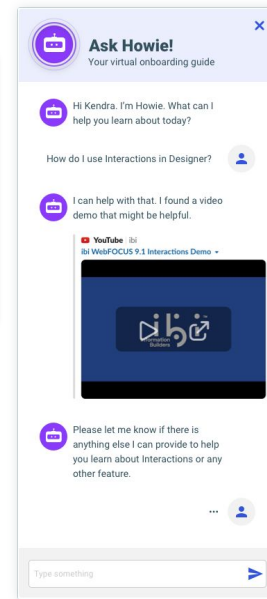
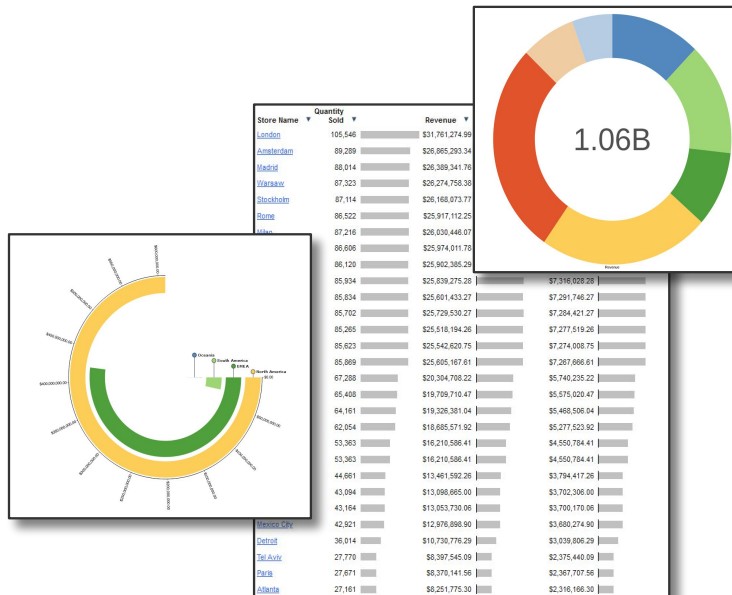
FOCUS Studio gives you a text based/green screen environment where current FOCUS for Unix code will run while opening up features that are only available in the newer versions.



Updated Tutorials and Help



- Better labeling and categorization of manuals and help on our documentation site
- Updates to and publication of Retail Samples to provide some modern examples for users
- Integrated tooltips and walk-throughs for key use cases and workflows
- An AI chatbot to answer questions about WebFOCUS and direct users to detailed documentation



In closing...





“The dreams of tomorrow are beginning today.”

-From *Here's to the Future*, the entry song when Space Mountain opened at Disney World in 1975

