SBOP Repository Explorer

Explore SAP BO BI CMS repository

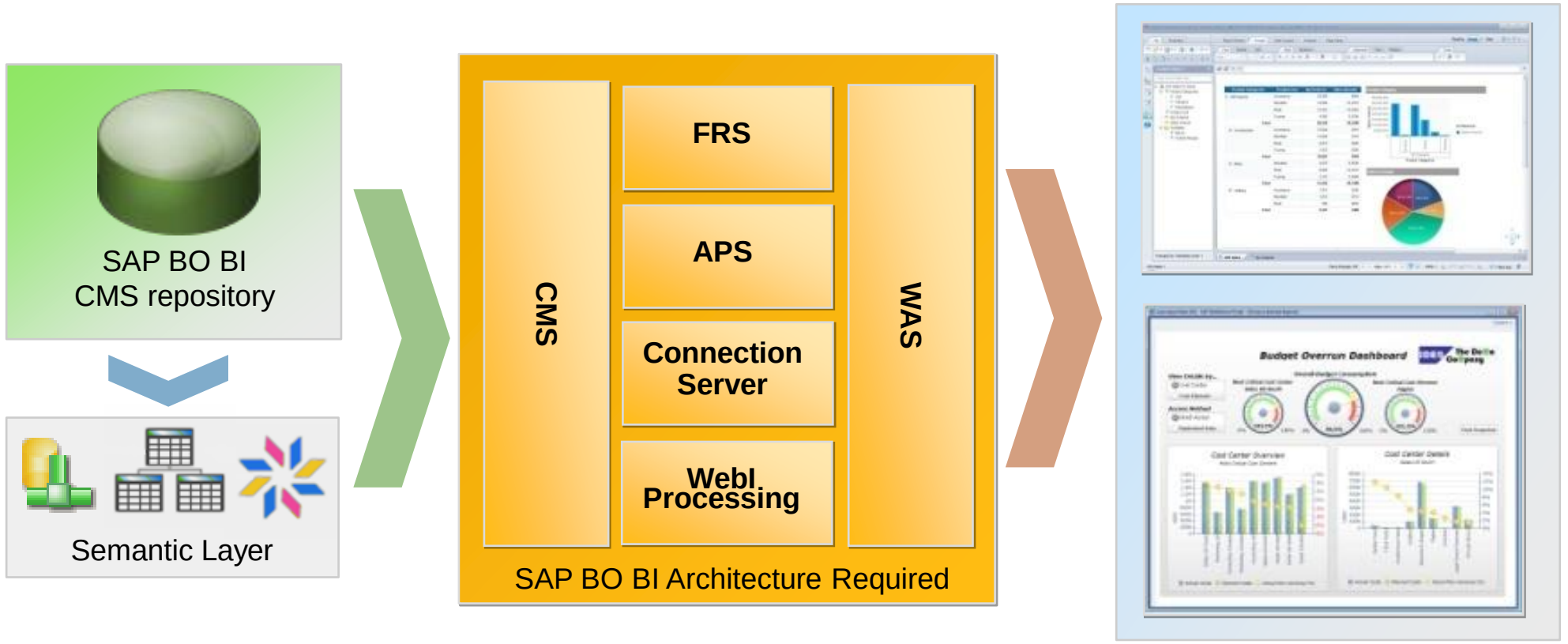
(2014)

Snapspace Business Intelligence

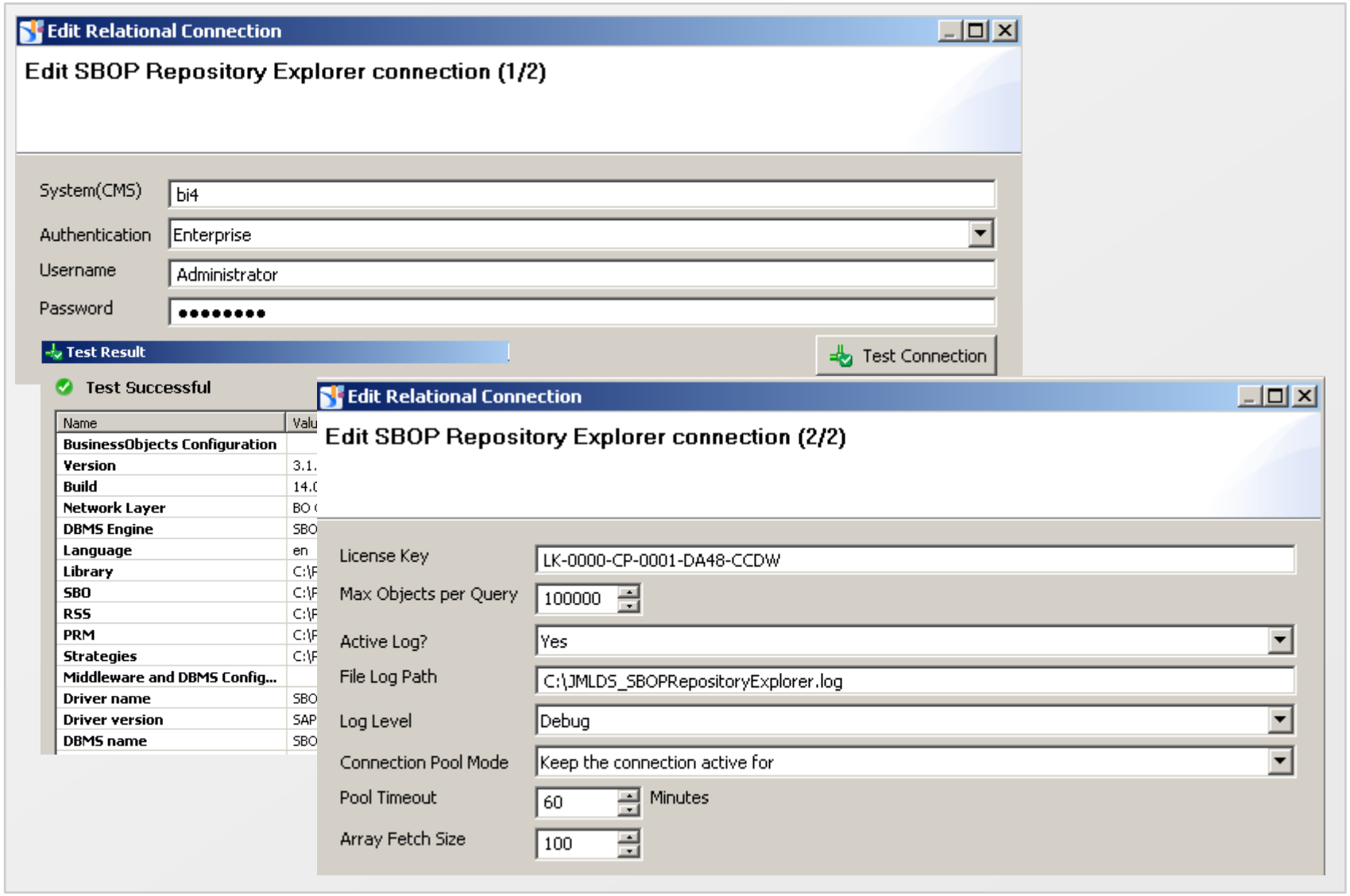
Architecture

Simple Architecture Required

- Full Integrated with SAP BO BI
- BO versions supported:
  - XI R2, XI 3.1 and 4.x
- Comes with a sample universe
- Comes with sample reports
- Easy to install and configure
- Ready to use



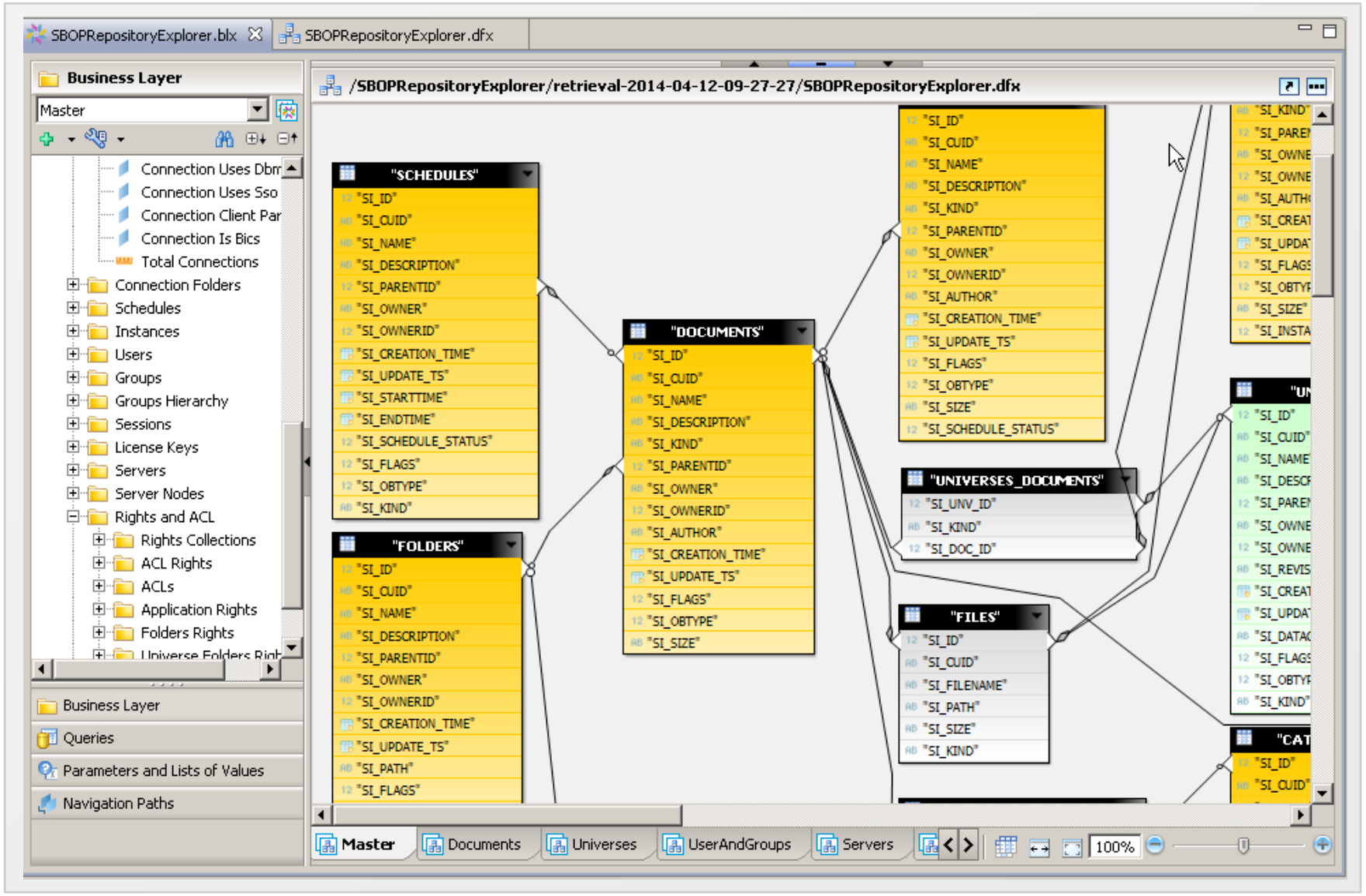
API Connector



Easy Connection Configuration

- SAP BO BI System configurable
- All authentications available from SAP BO BI
- Limit of objects to retrieve
- Traceability (Debugging, Error log and so on)
- Connection pool configurable
  - Pool Timeout
  - Size of Array Fetch

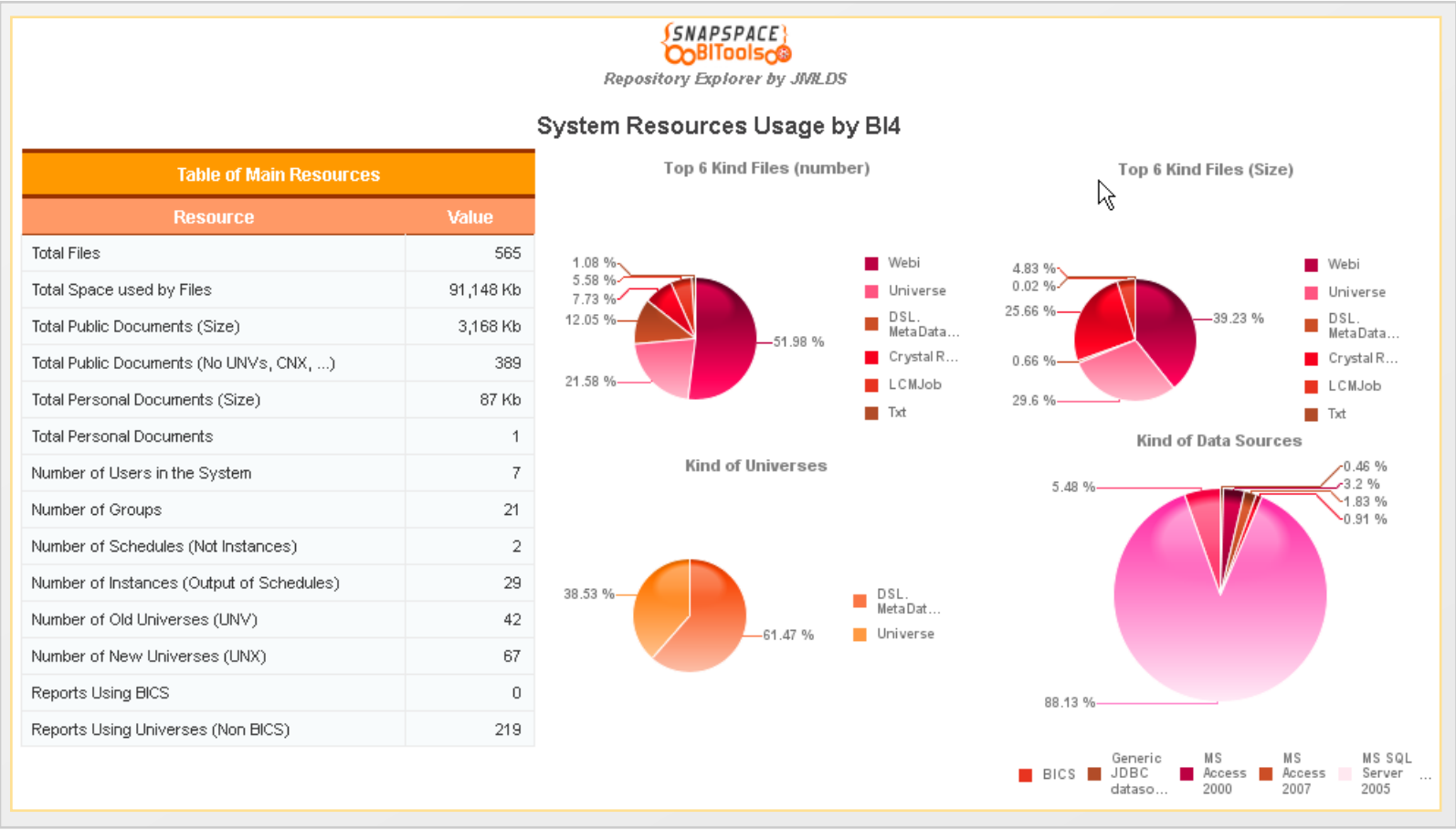
Universe Structure



Sample Universe Provided

- Structured universe
- Contains the most required objects
- Predefined filters
- Predefined measures
- Able to explore security and relation with objects (applications, folders, documents, universes and so on)
- Information about user sessions
- Server content exploration
- Scheduling and LCM exploration
- SQL ANSI 92 queries in memory
- Able to use derivate tables
- Explore and combine multiple platforms using Data Federator

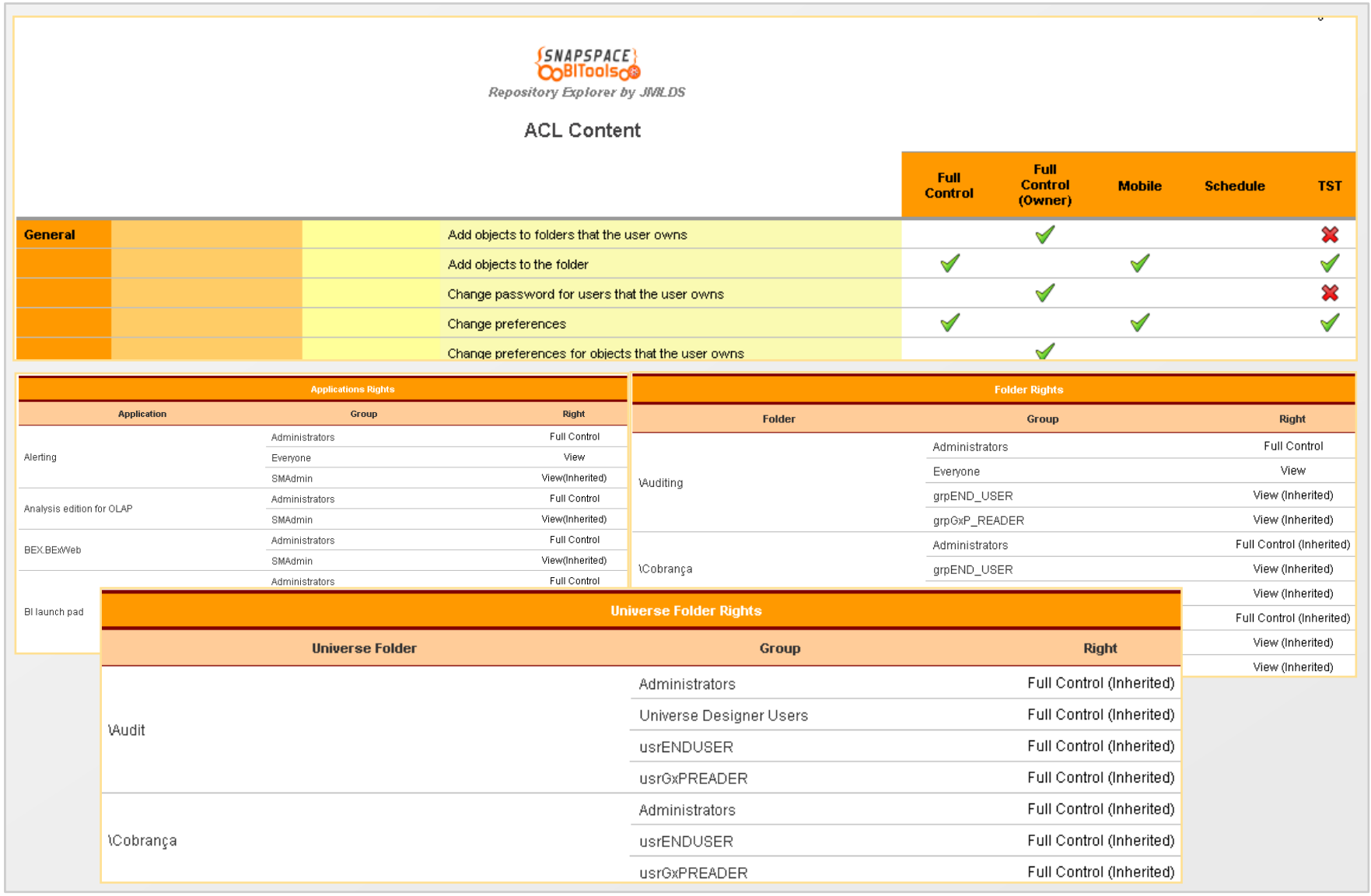
Sample Reports (System Resources)



System Resources

- Many possibilities and combinations
- Create a simple dashboard with all system resource usage by platforms
- Identify which kind of data sources are being used and by which documents/reports
- Analyze impact for conversion from UNV to UNX universes
- Analyze disk space used by documents and personal documents
- And many other metrics to explore
- Monitor the evolution and changes in the platform

Sample Reports (Security Matrix)



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Repository Explorer by JMLDS

ACL Content

				Full Control	Full Control (Owner)	Mobile	Schedule	TST
General			Add objects to folders that the user owns		✓			✗
			Add objects to the folder	✓		✓		✓
			Change password for users that the user owns		✓			✗
			Change preferences	✓		✓		✓
			Change preferences for objects that the user owns		✓			

Applications Rights

Application	Group	Right
Alerting	Administrators	Full Control
	Everyone	View
	SMAdmin	View(Inherited)
Analysis edition for OLAP	Administrators	Full Control
	SMAdmin	View(Inherited)
BEX.BExWeb	Administrators	Full Control
	SMAdmin	View(Inherited)
BI launch pad	Administrators	Full Control

Folder Rights

Folder	Group	Right
\Auditing	Administrators	Full Control
	Everyone	View
	grpEND_USER	View (Inherited)
	grpGxP_READER	View (Inherited)
\Cobrança	Administrators	Full Control (Inherited)
	grpEND_USER	View (Inherited)
		View (Inherited)
		Full Control (Inherited)
		View (Inherited)
		View (Inherited)

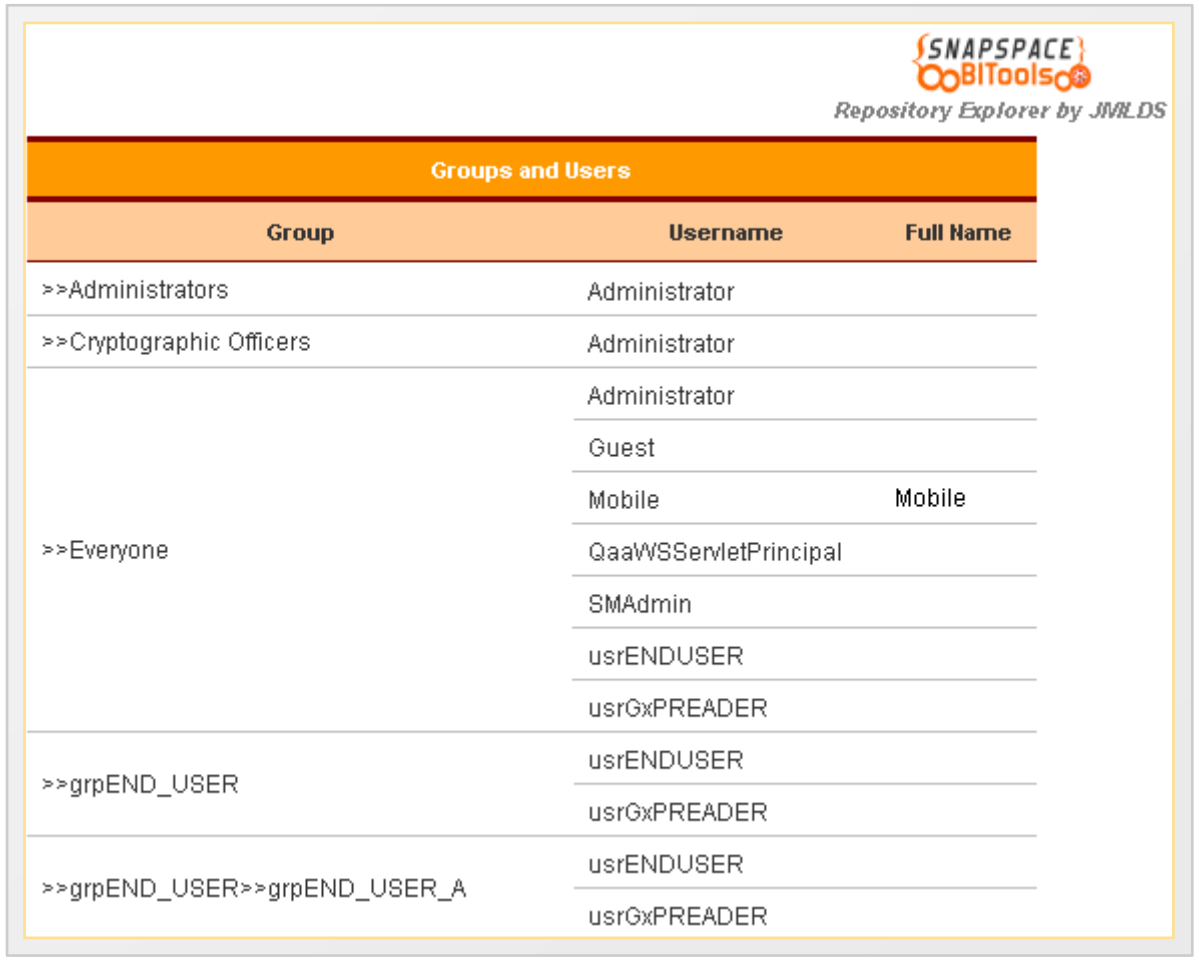
Universe Folder Rights

Universe Folder	Group	Right
\Audit	Administrators	Full Control (Inherited)
	Universe Designer Users	Full Control (Inherited)
	usrENDUSER	Full Control (Inherited)
	usrGxPREADER	Full Control (Inherited)
\Cobrança	Administrators	Full Control (Inherited)
	usrENDUSER	Full Control (Inherited)
	usrGxPREADER	Full Control (Inherited)

Security Matrix Exploration

- Many combinations
- Access Level Exploration
- Application Rights Exploration
- Folder Rights
- Universe Rights
- Connection Rights
- Trace rights changes with Data Track
- Create online and in real time your own Security Matrix
- Investigate security issues
- Sample reports (ACL Content, Application Rights, Folder Rights, Universe Rights, Connection Rights, …)

Sample Reports (Groups and Users)



Groups and Users Relation

- Many combinations
- Access Level Exploration
- Application Rights Exploration
- Folder Rights
- Universe Rights
- Connection Rights
- Trace rights changes with Data Track
- Create online and in real time your own Security Matrix
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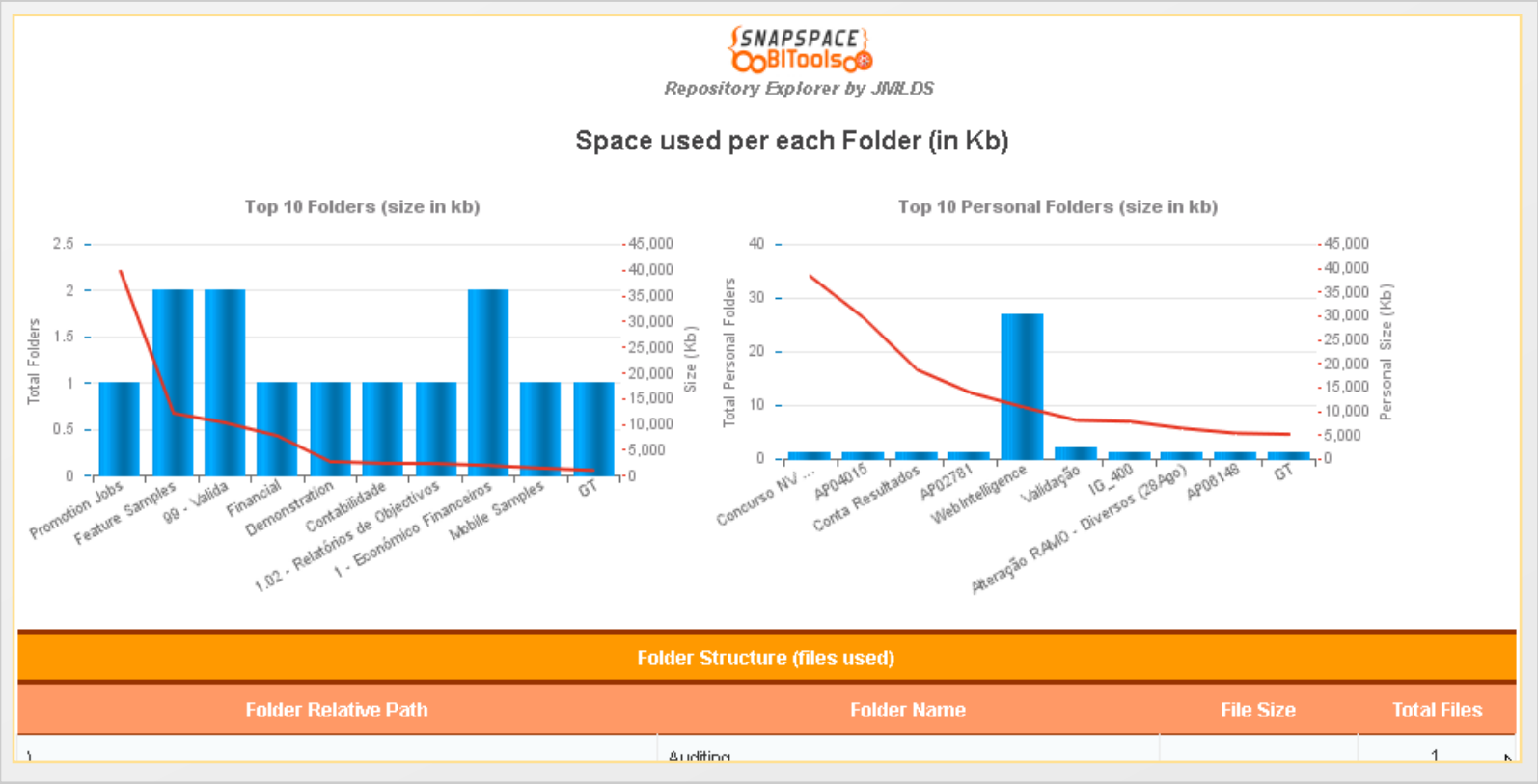
- Sample reports (ACL Content, Application Rights, Folder Rights, Universe Rights, Connection Rights, …)

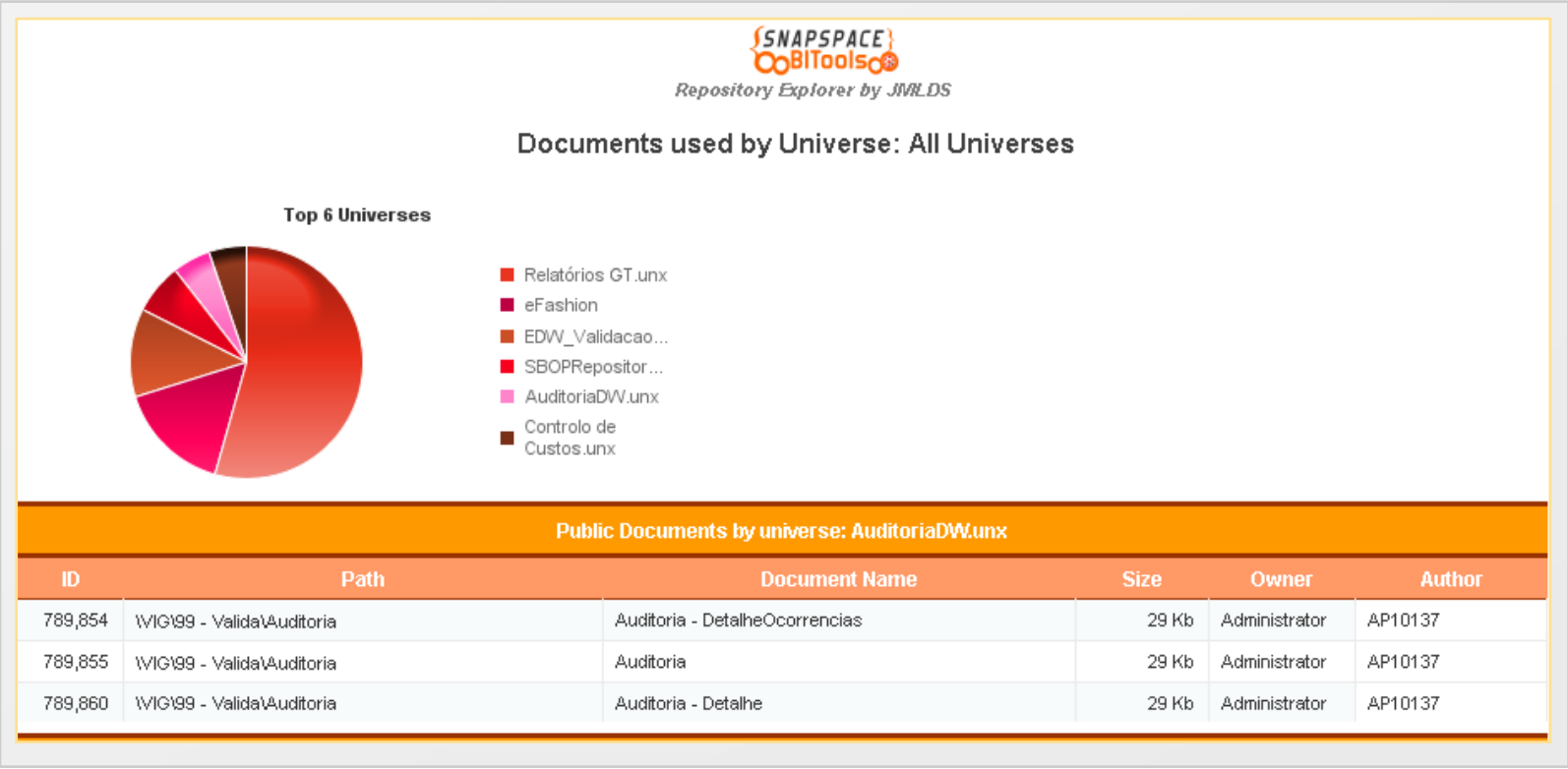
Sample Reports (Folders Resources)



Folders Resources

- Folders structure
- System resources used:
  - Number of files
  - Disk space used
- Public and private

Sample Reports (Documents used by Universe)

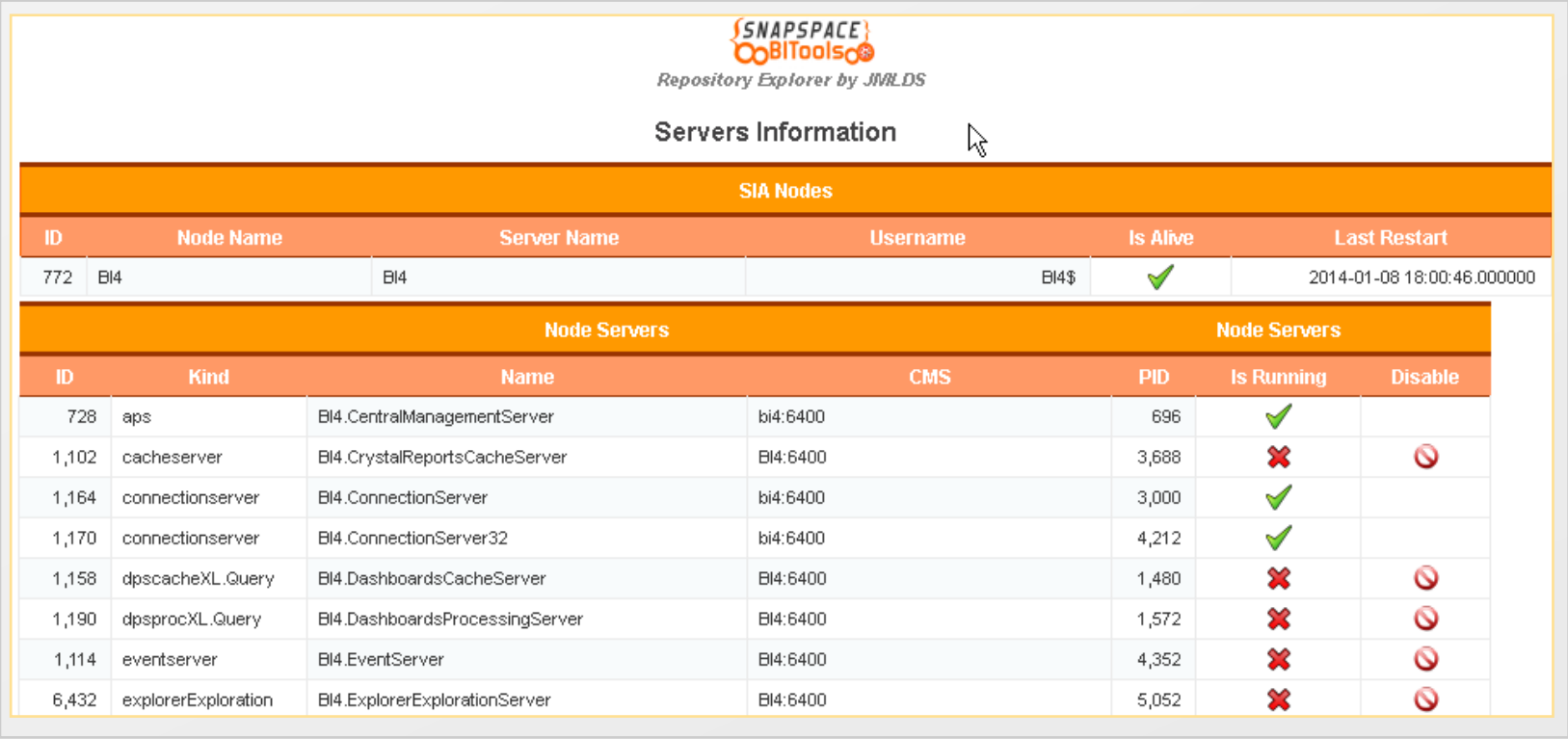


ID	Path	Document Name	Size	Owner	Author
789,854	\VIG\99 - Valida\Auditoria	Auditoria - DetalheOcorrencias	29 Kb	Administrator	AP10137
789,855	\VIG\99 - Valida\Auditoria	Auditoria	29 Kb	Administrator	AP10137
789,860	\VIG\99 - Valida\Auditoria	Auditoria - Detalhe	29 Kb	Administrator	AP10137

Documents used by Universe

- Relation between universes and public documents
- Information about document (size, path, ID, …)

Sample Reports (Servers and services)



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Servers Information

SIA Nodes

ID	Node Name	Server Name	Username	Is Alive	Last Restart
772	BI4	BI4	BI4$	✓	2014-01-08 18:00:46.000000

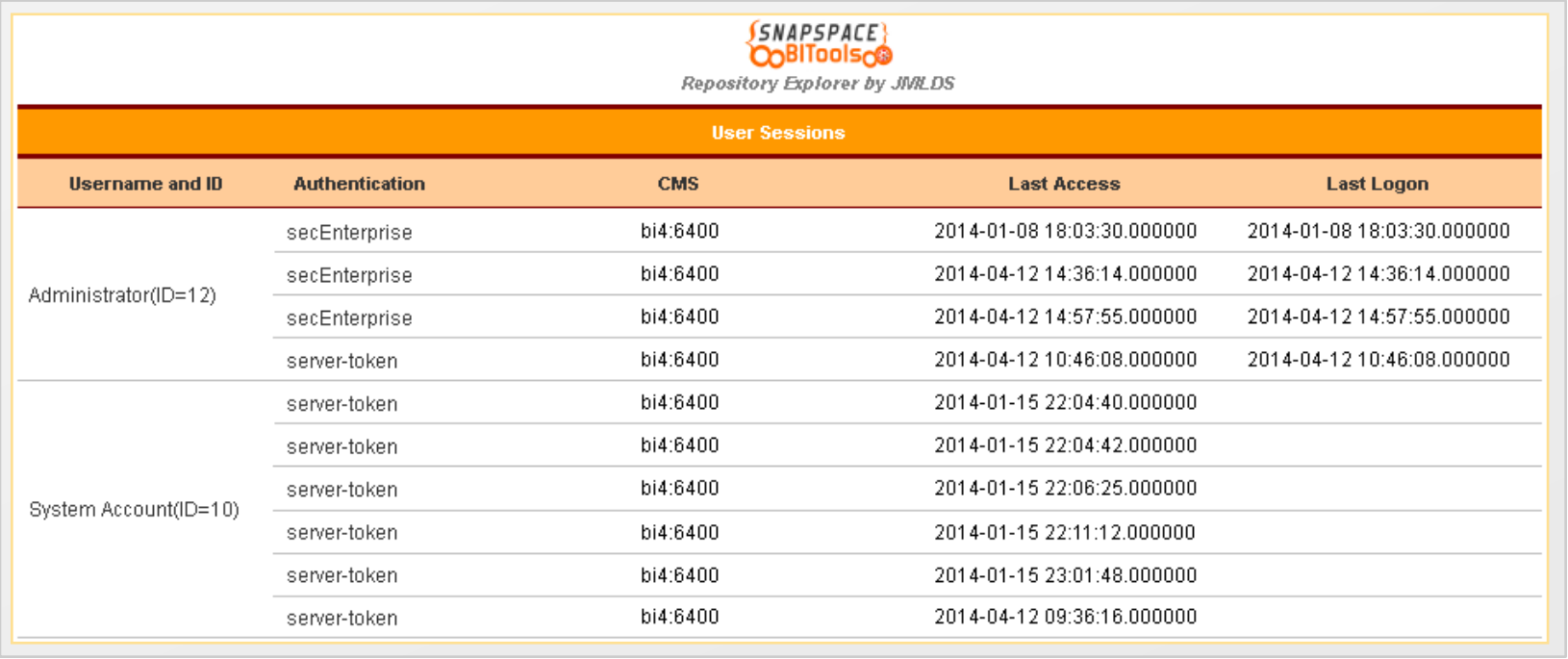
Node Servers — **Node Servers**

ID	Kind	Name	CMS	PID	Is Running	Disable
728	aps	BI4.CentralManagementServer	bi4:6400	696	✓	
1,102	cacheserver	BI4.CrystalReportsCacheServer	BI4:6400	3,688	✗	⊘
1,164	connectionserver	BI4.ConnectionServer	bi4:6400	3,000	✓	
1,170	connectionserver	BI4.ConnectionServer32	bi4:6400	4,212	✓	
1,158	dpscacheXL.Query	BI4.DashboardsCacheServer	BI4:6400	1,480	✗	⊘
1,190	dpsprocXL.Query	BI4.DashboardsProcessingServer	BI4:6400	1,572	✗	⊘
1,114	eventserver	BI4.EventServer	BI4:6400	4,352	✗	⊘
6,432	explorerExploration	BI4.ExplorerExplorationServer	BI4:6400	5,052	✗	⊘

Servers and Services Information

- SIA / Node status and information
- Server information and status:
  - Running or stopped
  - Disable / enable

Sample Reports (User Sessions)



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Repository Explorer by JMLDS

User Sessions

Username and ID	Authentication	CMS	Last Access	Last Logon
Administrator(ID=12)	secEnterprise	bi4:6400	2014-01-08 18:03:30.000000	2014-01-08 18:03:30.000000
	secEnterprise	bi4:6400	2014-04-12 14:36:14.000000	2014-04-12 14:36:14.000000
	secEnterprise	bi4:6400	2014-04-12 14:57:55.000000	2014-04-12 14:57:55.000000
	server-token	bi4:6400	2014-04-12 10:46:08.000000	2014-04-12 10:46:08.000000
System Account(ID=10)	server-token	bi4:6400	2014-01-15 22:04:40.000000	
	server-token	bi4:6400	2014-01-15 22:04:42.000000	
	server-token	bi4:6400	2014-01-15 22:06:25.000000	
	server-token	bi4:6400	2014-01-15 22:11:12.000000	
	server-token	bi4:6400	2014-01-15 23:01:48.000000	
	server-token	bi4:6400	2014-04-12 09:36:16.000000	

User Sessions

- List of active sessions in the system
- Username and kind of authentication used
- CMS used when login is done
- Last date/time of activity
- Date/time of logon

Sample Reports (DB Connections)

Relational and OLAP Connections

\BI4:6400\Application Folder\Root Folder 95\Connections\Audit

Connection Name	Driver	Is OLAP	Is BICs
SBOPRepositoryExplorerVictoria	BO OC	No	No

\BI4:6400\Application Folder\Root Folder 95\Connections\CommonConnections

Connection Name	Driver	Is OLAP	Is BICs
CHANGE_THIS	Oracle OCI	No	No
Conversion Audit Connection	Oracle OCI	No	No
efashion	ODBC	No	No
efashion-webi	ODBC	No	No
FFN	Oracle OCI	No	No
IVA	Oracle OCI	No	No
Monitoring TrendDB Connection	JDBC	No	No
SBOPRepositoryExplorerLocal	BO OC	No	No
VICDW_GT_DB	ODBC	No	No

Relational and OLAP Connections

- List of Connections by Folder
- Identify if is OLAP or Relational
- Identify if is BICs
- List kind of drivers used

Customers using SBOP Repository Explorer

Some of most important customers that are using SBOP Repository Explorer tools are:

Contacts

If you prefer to contact us via postal mail or have a different type of inquiry please use the contact below. We'll respond shortly.

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