

Functional differential (main features)	Visual TOM			
	6.4	6.5	6.6	6.7
<b>DESIGN &amp; INDUSTRIALIZATION</b>				
Graphical flow chart modeling	•	•	•	•
Multiplatform command language	•	•	•	•
Go-live management – all types objects selection	•	•	•	•
Go-live management – transformation processing rules improvement	•	•	•	•
Go-live management – wizard mode	•	•	•	•
Multi-domain management	•	•	•	•
Delays management	•	•	•	•
Go-live management – advanced rule definition for automatic transformation processing	•	•	•	•
Dynamic Reference Guide: preformatted and customized operations documentation (lay-out, style sheet and content management)	•	•	•	•
Smart desk: users' desktops storing function	•	•	•	•
Industrial and standardized management of alarms by variable use	•	•	•	•
Automatic and dynamic modification of links while inserting treatments	•	•	•	•
Multicriteria search engine	•	•	•	•
Graphical objects customized signage ( <i>name, machine, earlier hour...</i> )	•	•	•	•
Specific jobs aided design: SAP BW, SAP NetWeaver, Transfers, Mail, SQL, Web Services...	•	•	•	•
SAP: logon groups management for R/3	•	•	•	•
Management of Jobs and Applications' priorities	•	•	•	•
Management of Applications' temporary modifications	•	•	•	•
Wallpapers management on Graphs	•	•	•	•
Go-live management: go-live automation of treatments' lots	•	•	•	•
Multi-agents management: multi-machines execution, load balancing, fallback machine	•	•	•	•
Graphical changes identification of charts	•	•	•	•
Logs' association to alarms	•	•	•	•
Industrialized purge of logs	•	•	•	•
SAP: logon groups management for BW Event Management	•	•	•	•
Synchronization on SAP events	•	•	•	•
Recordable filters management on the history actions	•	•	•	•
Recordable filters management on comments and scripts in the statistics	•	•	•	•
Management of default values (successors cancelation, execution logs retention...)	•	•	•	•
Contexts management (environnement variables table)	•	•	•	•
Graphical models management	•	•	•	•
Evolutive alarms based on average execution duration	•	•	•	•
Contextual help	•	•	•	•
Multiple replacement management in an alias rule	•	•	•	•
Go-live management process: rules edition from groups	•	•	•	•
Referential management of Public API REST	•	•	•	•
Visual IT Messenger included for escalation alarm management	•	•	•	•
Personal workspace with tiles	•	•	•	•

CONNECTORS	6.4	6.5	6.6	6.7
Functional module for Crontab and Scheduled Tasks integration	•	•	•	•
Web Services SOAP Connector	•	•	•	•
Web Services REST Connector	•	•	•	•
SGBD Connector (stored procedure, functions and SQL request)	•	•	•	•
Transfer Connector: File transfers scenario	•	•	•	•
Transfer Connector: Securization of the transfer process (known host files, fingerprint)	•	•	•	•
Database Connector: DBMS resources management as constraints	•	•	•	•
Cloud Connector for AWS	•	•	•	•
Cloud Connector for Azure	•	•	•	•
Connector for Docker	•	•	•	•
Big Data Connector	•	•	•	•
Kubernetes Connector	•	•	•	•
SAP R3 connector: messages server management (longon group)	•	•	•	•
M3 Connector	•	•	•	•
Transfer Connector: append/replacement mode for SFTP				•
Webservices Connector : HTTP codes customisation				•
Kubernetes Connector: order execution in a POD				•

EXECUTION	6.4	6.5	6.6	6.7
ERP Integration: SAP Solutions (Sap NetWeaver Application Server, Sap NetWeaver BW, SAP R/3 Certified MySap.com, SAP R/3 CSP), Oracle Applications, PeopleSoft, Baan, OneWorld, Microsoft Dynamics AX, Lawson M3...	•	•	•	•
Automatic response module for AS 400: pending messages display, responses storing function	•	•	•	•
New optimized AS 400 agent: <i>generic resources...</i>	•	•	•	•
BusinessObjects Integration, Web Services SOAP	•	•	•	•
Interface: SAP Data Services (DS)	•	•	•	•
Impersonation management for Windows jobs		•	•	•

ADMINISTRATION & SECURITY	6.4	6.5	6.6	6.7
LDAP authentication	•	•	•	•
Metadata management in Windows binaries	•	•	•	•
Rights management on users' views	•	•	•	•
Agents automated update	•	•	•	•
Statistics: jobs per machine's repartition	•	•	•	•
Securization of the command line with pre-authentication	•	•	•	•
Changes available on an existing batch management for automated agents update	•	•	•	•
Revision of the replication procedure towards the Backup Server	•	•	•	•
SSL Securization	•	•	•	•
Performance optimization (including multi-thread Agent)	•	•	•	•
Operations simplification related to high availability	•	•	•	•
Setup dedicated to IHM install		•	•	•
Restrictions on directories related to a user, for agent submission		•	•	•
Add-on of a read only account on database		•	•	•
LDAP/LDAPS access on non-anonymous mode		•	•	•
Server setup management from the interface		•	•	•
LDAP groups management			•	•
Automatic GUI update			•	•
Public monitoring REST API			•	•
REST API: Authorization tokens and authentication tokens			•	•
<b>Public REST API for Resources monitoring</b>				•
<b>Primary Backup: no service interruption to return to nominal mode thanks to roles inversion</b>				•
<b>SSO integration with Azure AD</b>				•

MONITORING	6.4	6.5	6.6	6.7
Graphical, chronological, multi-OS real time control	•	•	•	•
Event console and dashboard modes	•	•	•	•
Operating instructions extensive management, WIKI integration, internal instructions via WYSIWYG	•	•	•	•
Alarm console mode (delay on treatments duration...)	•	•	•	•
Web Access: dedicated control portal with integrated operation documentation	•	•	•	•
Web operation documentation: customized display with icons library integration	•	•	•	•
Smart desk: users' desktops storing function	•	•	•	•
Simplified management of multi-conditions alarms	•	•	•	•
Web Access: new ergonomoy	•	•	•	•
Web Access: business view control	•	•	•	•
Web Access: on demand treatments	•	•	•	•
Operational monitoring: advanced filter management	•	•	•	•
SAP: stop of a job	•	•	•	•
Global forecast independent from the graphs	•	•	•	•
Access visibility to Visual TOM Resources (values, consumption...)	•	•	•	•
Acknowledgement and notes management on failed jobs		•	•	•
Chronological follow-up for operation monitoring		•	•	•
Weight resources consumption display		•	•	•
Dashboard: on-demand self-service job management			•	•
<b>New web GUI dedicated to monitoring operations</b>				•
<b>Self Service: users requests management</b>				•
<b>Mobile and web smartview built automatically</b>				•

LOCALIZATION	6.4	6.5	6.6	6.7
French / English	•	•	•	•
Time zone management, daylight saving time and winter time-summer time changes per country integrated	•	•	•	•
International calendars management, local and national holidays integration	•	•	•	•
Automatical language detection	•	•	•	•

COMPONENTS	6.4	6.5	6.6	6.7
SGBD Full Postgres	•	•	•	•
API REST Server			•	•
Technical components update: JRE integration and Postgres 13			•	•