

Functional differential (main features)	Visual TOM			
	6.6	6.7	7.1	7.2
DESIGN & INDUSTRIALIZATION				
Graphical flow chart modeling	•	•	•	•
Multiplatform command language	•	•	•	•
Go-live management – all types objects selection – transformation processing rules improvement – 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)	•	•	•	•
Industrial and standardized management of alarms by variable use	•	•	•	•
Multicriteria search engine	•	•	•	•
Specific jobs aided design: SAP BW, SAP NetWeaver, Transfers, Mail, SQL, Web Services...	•	•	•	•
SAP: logon groups management for R/3 & BW, Synchronization on SAP events	•	•	•	•
Management of Jobs and Applications' priorities	•	•	•	•
Management of Applications' temporary modifications	•	•	•	•
Go-live management: go-live automation of Jobs' Kits, rules edition from group, Multiple replacement management in alias rules, Multi-objects alias management	•	•	•	•
Multi-agents management: multi-machines execution, load balancing, fallback machine	•	•	•	•
Graphical changes identification of charts	•	•	•	•
Logs' association to alarms	•	•	•	•
Industrialized purge of logs	•	•	•	•
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	•	•	•	•
Referential management of Public API REST	•	•	•	•
Visual IT Messenger included for escalation alarm management	•	•	•	•
Instantiation of production launch batches	•	•	•	•
Applications and Jobs cycles management following schedules' lists				•
Internal scripts management				•
Web GUI: main objects design				•

CONNECTORS	6.6	6.7	7.1	7.2
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	6.6	6.7	7.1	7.2
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	6.6	6.7	7.1	7.2
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	•	•	•	•
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		•	•	•
Public REST API for Resources monitoring			•	•
Primary Backup: no service interruption to return to nominal mode thanks to roles inversion			•	•
SSO integration with Azure AD			•	•
Flow securing with database			•	•
Sharper management rights on associated objects			•	•
REST API: Primary backup supervision			•	•
Non shared dates monitoring			•	•
Secrets management: specific resources and internal vault				•
Dockers images				•
Web GUI: access management				•

MONITORING	6.5	6.6	6.7	7.2
Graphical, chronological, multi-OS real time control	•	•	•	•
Operating instructions extensive management, WIKI integration, internal instructions via WYSIWYG	•	•	•	•
Alarm console mode (delay on treatments duration...)	•	•	•	•
Smart desk: users' desktops storing function	•	•	•	•
Simplified management of multi-conditions alarms	•	•	•	•
Operational monitoring: advanced filter management	•	•	•	•
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		•	•	•
New web GUI dedicated to monitoring operations			•	•
Self Service: users requests management			•	•
Mobile and web smartview built automatically			•	•
New web GUI				•
Views, Applications, Dates follow-up				•
Dashboard: external data integrations				•
Self-Service: hierarchical list, new actions on Contexts and Variables				•
Self-Service: usage statistics				•

LOCALIZATION	6.6	6.7	7.1	7.2
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	6.6	6.7	7.1	7.2
SGBD Full Postgres	•	•	•	•
API REST Server		•	•	•
Technical components update: JRE integration and Postgres 13		•	•	•
On-line published documentation			•	•