

**Leverage TIBCO ActiveMatrix BusinessWorks, BusinessEvents and iProcess**

Today, a company's IT department is more interconnected and dependent across all of its divisions and functional groups. The base of this interdependency within global organizations is reliable and quick information flow across a vast Enterprise Service Bus (ESB), which operates underneath complex Service Oriented Architecture (SOA), Business Process Management (BPM), and Complex Event Processing (CEP) deployments. Every managerial decision or corporate strategy affects these message networks, which increases the importance of having the latest data about these deployments and its customizations exponentially. This information is not only critical for your IT department during the implementation, but also serves as a basis for managerial decisions during day-to-day operations. **MakeDoc for TIBCO** is able to increase your IT departments productivity, decrease the time required for business requirement implementations, increase your system's uptime, and allow your IT department to provide accurate, technical level feedback on proposed decisions. By using MakeDoc for TIBCO as a complementary product to enhance the responsiveness of your TIBCO BusinessWorks, BusinessEvents and iProcess deployments, your Company will experience faster fulfillment of market demands, bring you a step ahead of your competitors and most important, lead to happier customers. It's not your SOA and CEP platform that cares about your customers..... **IT'S YOU!** So use **MakeDoc for TIBCO** to leverage TIBCO ActiveMatrix BusinessWorks, BusinessEvents and iProcess to a new level of efficiency.

**Quick Glance:**

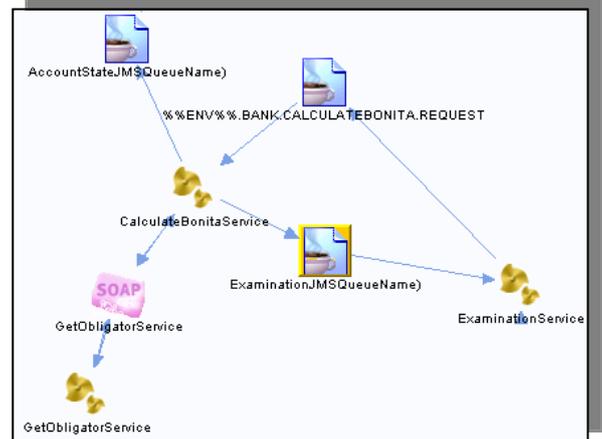
**MakeDoc for TIBCO** provides technical analysis of a company's actual BusinessWorks, BusinessEvents and iProcess deployments. Based on this analysis, MakeDoc can display dependencies graphically across an unlimited number of ESB projects, highlight the delta changes in production environments over time, enforce an automatic code review, and is installed and running within hours.

**Experienced Value by MakeDoc for TIBCO Customers:**

- Decreases the time required to implement a business requirement by 15% - 20%
- SOA / middleware platform errors are identified 70% - 90% faster, resulting in greater uptime of business critical services
- Increases the efficiency of in-house / on- or offshore consultants by 20%
- Unique BPM – ESB production environment dependency analysis

**Benefits**

- **Documented Projects / Cross-Referenced Middleware Architecture:** Continuous availability of up to date and consistent documentation for your middleware platform. *Visibility into your actual deployments* benefits solution architects, developers, support and operation, and management. MakeDoc's Microsoft Word output format allows for unlimited customization for presentations to emphasize critical points to a specific audience (clients, management, etc.).
- **Business Requirements Transformation:** On average, 30% of time for transforming a business requirement from its functional to technical specifications is saved. You can choose the depth of documentation detail so analysts and integration architects are not burdened by too detailed and technical issues. Clear communication lines for your team will be established. End user testing and hand over procedures will be simplified.
- **Operation & Release Management:** Standard system operation and new deployments can be monitored and controlled more effectively. MakeDoc automatically generates snapshots of your test and production platform by running in batch mode. Different versions can be stored and compared using MakeDoc's built in Repository Analyst. Deltas of platform versions are created and stored and should downtime occur, IT teams focus on highlighted items that changed immediately before the error occurred, saving 90% of time to identify source and location of the problem.
- **Quality Assurance:** Special on-demand service, that is set according to the customer's specifications. Automatic testing helps to find 80% of errors, which usually can't be discovered during development, or unit testing. Deviation from standards are quickly identified, addressed, and can be centrally enforced.
- **BPM Analysis (iProcess Extension):** *How to identify interconnections among iProcess procedures and BW processes?* MakeDoc's iProcess Documentation and BPM / ESB Cross-Reference enables the analysis of both the ESB and BPM layer and all their interconnections from one central place.



**Visual Cross-Reference: Browse the ESB Architecture**

### Features

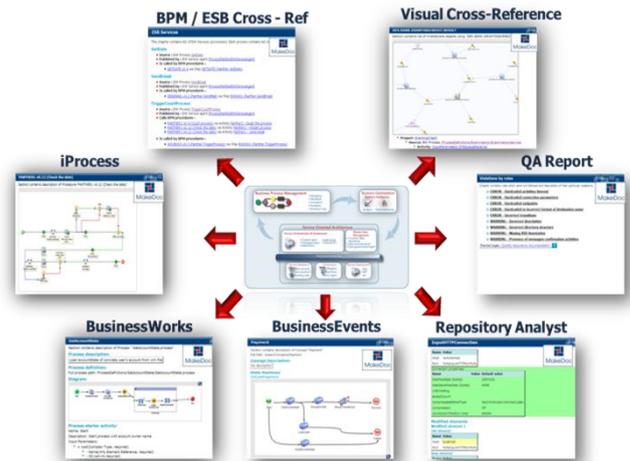
- Creates real-time visibility into your TIBCO SOA/middleware deployment, projects, and legacy systems. MakeDoc's output is a well-arranged, organized and uniform, printable document with searchable indices to save your time.
- Written in Java and therefore portable among different operating systems.
- Able to run as a scheduled **batch process** - automatically generates middleware documentation: pulling from a centralized storage archive, at a set time frame, and sending the documentation to a specified folder.

### Documented Software

- Generates the documentation of **TIBCO BusinessWorks™** resources, and all of **TIBCO BusinessEvents™** items: concept, concept view, event, time event, channel, rule set, rule function, scorecard, state machine.
- Supports documentation of all standard **TIBCO adapters**: Generic Adapter, Active Database, AdEJB, BusinessConnect, CICS, Clarify, COM, CORBA, File, IBM AS/400, Infranet, JDE OneWorld Xe, Kenan BP, LDAP, Lotus Notes, MQ, Oracle Applications, PeopleSoft, Remedy, SAP, Siebel, SWIFT, Teradata and Tuxedo Adapters.
- Generates the documentation of **TIBCO iProcess**.

### MakeDoc for TIBCO Provides 5 Main Services

- Project Documentation** provides detailed and comprehensive information about an unlimited number of projects.
- Cross-Reference** links the communication between destinations, projects, the usage of global variables and database objects within the projects. *Cross-Reference by Destinations* produces a graph of projects communicating with selected destinations. Supports JMS messages, SOAP, JDBC connections, RV messages and BusinessEvents™. *Cross-Reference by Global Variables* maps the references of a selected global variable in all analyzed projects. *Cross-Reference by Database Objects* shows queries executed by projects on a selected database table, view, or procedure. *Cross-Reference by Projects* provides a list of all destinations, global variables or database objects referenced by a selected project.
- Repository Analyst** allows the tracking of changes and development progress among projects or production environments.
- Quality Assurance** is an adjustable rule based system, which checks the adherence to your set development standards by validation of TIBCO resources according to set of defined rules.
- BPM x ESB Cross-Reference** analysis is generated for all BW and IProcess inputs and identifies which ESB services are called by BPM procedures or which BPM procedures are triggered by ESB processes.



### MakeDoc Modules Complement TIBCO's ESB and BPM

#### SUPPORTED ENVIRONMENTS:

- Microsoft Windows XP, Vista and 7
- JRE 1.6
- TIBCO BW 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 and 5.7
- TIBCO BE 1.3, 1.4, 2.0, 2.1, 2.2 and 3.0

#### DOCUMENTED SOURCES:

- Design-time Libraries
- Local Repository
- EAR Archives
- Remote Server Repository
- Documentation from Multiple Sources
- IProcess

#### TYPES OF OUTPUT:

- HTML – hyperlinked static web pages
- PDF – easy dissemination
- CHM – Microsoft Compiled Help, programmers output
- Word (DOCX) – unlimited customization

#### SUPPORTED MESSAGE TYPES:

- JMS** - supported on the project and cross-reference level. The messages could be grouped in the cross-reference documentation by message type (queue/topic) and by JMS connection.
- SOAP** – supported on the project and cross-reference level.
- JDBC connections** - supported on the project and cross-reference level. These messages can be grouped by the type of JDBC connection.
- Rendezvous** – supported on the project and cross-reference level. These messages could be grouped by RV transport.
- BusinessEvents™** - supported on the project and cross-reference level. These messages can be grouped by channel type (RV/JMS) and channel settings.