

TRM RulesManager SE™

DESIGNED FOR USE WITH IBM MAXIMO® ASSET MANAGEMENT

- Turbocharge Maximo to meet your unique needs
- Save time and money
- Provide iron-clad data integrity
- Automate data migration
- Reduce system risk when configuring Maximo

Simplify ❖ Adapt ❖ Save

To get the most out of your Maximo investment, you need to make sure that the technology is aligned with your unique business processes. TRM RulesManager SE (Scripting Edition) lets you configure Maximo to meet your business needs, bringing measurable value, including:

- Automated business processes
- Faster implementations
- Ongoing, self-sustaining configuration capability
- Reduced time and costs for development, deployment, support and upgrades
- More intuitive user-entry screens
- Automated data migration and scrubbing

Complete Control of your Maximo Instance and Functionality

Often organizations need to make substantial modifications to out-of-the-box Maximo. These modifications can include:

- Field additions or modifications
- Rapid development of new custom applications fully integrated with Maximo
- Screen appearance
- Data validation
- Business rule additions or changes

RulesManager SE takes the complexity of Maximo and makes it available to you in a unified development environment where the addition and modification of detailed business rules can be performed in the matter of minutes.

What is TRM RulesManager SE?

TRM RulesManager SE is the first business process rules engine that gives you complete control to configure Maximo for your unique needs. You'll have all the power of Maximo at your fingertips – in an intuitive, menu-driven, drag-and-drop, content assisted, integrated development environment.

If you find yourself wondering ...

- How can I change the standard functionality of Maximo to do something different that my business processes require?
- How can I make the system easier for my users to use?
- How can I make sure that my users are inputting the right data?
- How can I automate some of the data entry requirements and validate their values?
- How can I make sure that we're complying with industry compliance requirements, like security-related policies, data standardization, visual standardization or auditing capabilities?
- How can I secure my information, for example not allowing contractors to see all the information or limiting the ability to modify some information to supervisors?
- How can I make sure that the time and money we've invested in customizing Maximo won't be lost when we upgrade versions?

RulesManager SE is your answer.

Simplify ❖ Adapt ❖ Save

Benefits

Fast deployment time with less risk

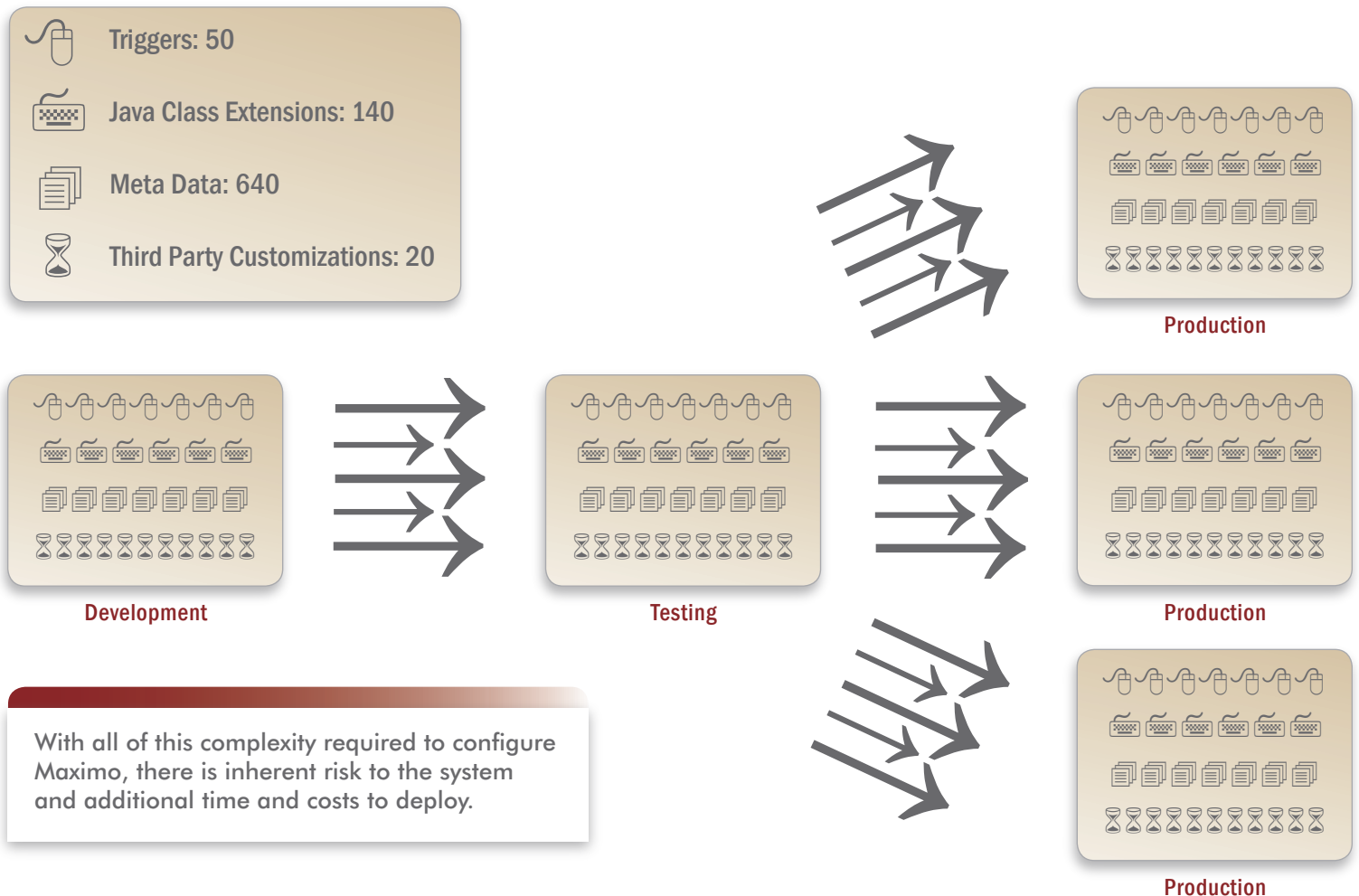
RulesManager allows you to configure Maximo faster – faster rule writing, faster testing, faster deployments. Whenever the rule writer is finished writing the rule or several rules in combination, they then simply click the “publish” button in the editor. The rules are sent back to the Maximo server and the new rules are instantly in place. No restart of the web server, no redeployment or modification to the EAR files and no system reboots are required. A user can keep a Maximo page in a browser, modify a rule in the editor, publish and simply refresh in the browser to test the rule. In this way, rules can be tweaked and modified easily to reach the desired result. The development time savings are immense.

Reduced Risk

This capability greatly reduces the risk of configuring your Maximo system compared to how you would have to modify Maximo without Rulesmanager – by extending the java classes or creating triggers. Imagine the hundreds of extended java classes that would have to be moved from development to testing to production, with the risk of not copying all of them or not copying all of them correctly each time. With RulesManager, you write rules and send to production services in a single file.

RulesManager sits completely on the outside of Maximo and never alters the base code.

Configuring Maximo **without RulesManager:** Typical Configuration Changes Needed



Increased Return on Your Investment

Maintain Previous Customizations

TRM RulesManager was designed specifically with our client's return on investment in mind. Since registration information is not shared, RulesManager works in addition to any extension already in place. This protects your investment in previous customizations.

Take your rules with you when you upgrade

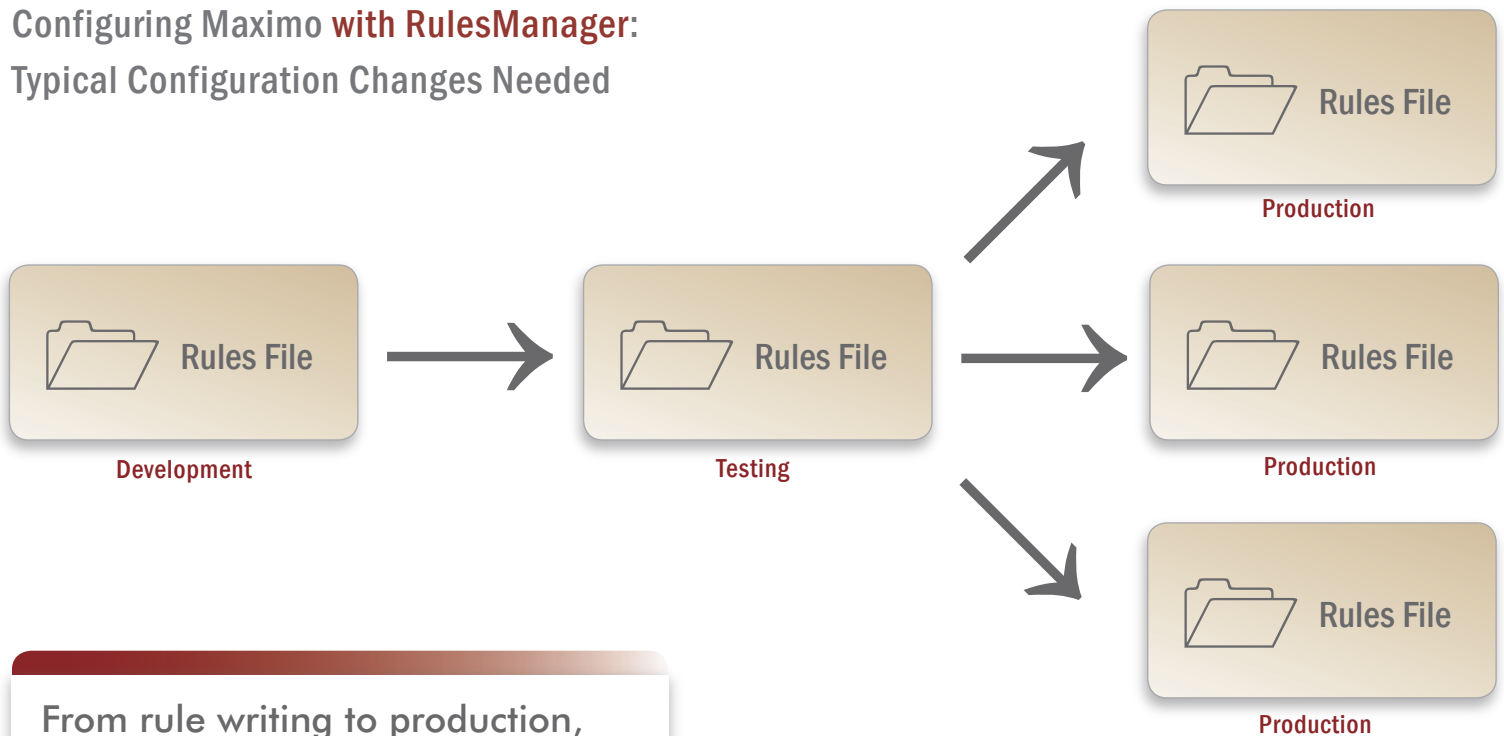
Rules written today are guaranteed to work from today forward. Any rule written in any version of RulesManager (from Maximo version 5.1) will function with any version of Maximo going forward. Customers who have written rules

as far back as Maximo 5.1 are today deploying the exact rules files in Maximo 6.2. This demonstrates the long-term maintenance costs savings.

Resolve issues easier

Since RulesManager SE sits on the outside of Maximo and exists as an adjunct technology, RulesManager SE can be turned off completely with a single switch and restarting the web service. If there is ever a support issue involving the product, you can temporarily switch the product off completely and test the system without it. When RulesManager is turned off, Maximo reverts to a 100% IBM Maximo version of itself.

Configuring Maximo with RulesManager: Typical Configuration Changes Needed



From rule writing to production,
it's a simple matter of drag-and-
dropping the file.

No risk, and it takes only minutes!

Adaptive User Experience

TRM RulesManager offers a dynamic user presentation that can be customized depending upon the user, site, group or organization. With RulesManager, as your users fill in information, fields, tabs, menu options and lists can change dynamically. You can build rules to change your input fields based on what the data is, who is entering it, what time it is, what department they are in – anything you can imagine. Using TRM RulesManager SE, your Maximo screens can actually guide your users to enter data correctly every time. You can make fields change color, get bigger, become uneditable and **even disappear**.

Simplified Data Migration and Scrubbing

TRM RulesManager SE can integrate data from any combination of Maximo and other database systems. You can connect data from multiple versions of Maximo or from one instance of Maximo to handhelds, access databases, spreadsheets, financial databases or HR databases. This integration capability enables:

- Email messaging based on any format
- Web services integration with any standard service directly to Maximo, including the ability to use retrieved web data in valuelists on your Maximo input screens
- Easy and quick data scrubbing and migration
- Greatly shortened upgrade cycles

Features

Ideal for Programmers and Non-Programmers Alike

TRM RulesManager functions include field lookup, field and form validation, auto-form population, dynamic value lists, security model extensions, auditable fields and event services.

Implementation Flexibility

Specific functionality can be applied to select application servers, groups and users. (You also have the option of turning them on or off at run-time.) These functions provide more flexibility when setting up or fine-tuning phased implementations, user training schedules, group and user requirements, or just about any ad-hoc business rule, no matter how complex.

Ironclad Data Integrity

Defined business rules assure that correct information is entered into the Maximo database. Business rules are set up to ensure users provide required information in the requisite format – with error messages, value choices or customized input feedback. By blocking bad data before it is entered into the database, your organization will avoid potentially serious data-related issues in the future.

Interactive Display Feedback

Gathering input from Maximo users has never been easier. Required data input fields can now be visually highlighted with “hot” colors that revert to normal color after entry. This greatly simplifies the Maximo input screens and provides a much more user-friendly input experience.

Dynamic Content and Data Security

Tabs, Field and entire sections of your Maximo input screens can be dynamically changed in appearance or hidden completely based on a wide variety of criteria: username, group membership, values in form fields to name a few. Hidden content and fields are never rendered to the browser, and users can never access secure data through the browser’s “view source” button.

Find Out More

To find out more about TRM RulesManager SE any other TRM product or service, call 877-548-5100 or visit our website at http://www.trmnet.com/software/soft_rulesmngn.html

The screenshot shows a Maximo form with several fields. The 'Work Order' field contains the value '12956'. The 'Location' and 'Asset' fields are highlighted in red, indicating they are required. The 'Site' field contains 'BEDFORD', the 'Class' field contains 'WORKORDER', and the 'Work Type' field is highlighted in red. Other fields include 'Loc Priority', 'Parent WO', 'Classification', 'Description', 'Subworktype', 'GL Account', 'Failure Class', and 'Problem Code'. The form is designed to guide users by highlighting required fields and providing visual feedback.

RulesManager enables an adaptive user experience - emphasize required fields with color.