

TRM RulesManager™

IBM Maximo® Configuration Control Center, the Simplified and unified solution for Maximo configurations

- Meet your unique business requirements
- Reduce time, costs and risks
- Iron-clad data integrity
- Automate data migration
- Interface with other enterprise applications
- Easy lifecycle configuration management

Simplify ❖ Control ❖ Adapt ❖ Save

TRM RulesManager enables clients to tailor their IBM Maximo® systems to meet unique business requirements with unmatched configuration, integration, data migration and control of Maximo. As an integrated configuration console for lightning fast, intuitive Maximo configuration and testing, RulesManager makes Maximo a better product.

RulesManager dramatically reduces the time, cost and risks to implement, configure and manage the lifecycle of Maximo. Our customers have seen:

- Implementation time for Maximo configurations reduced by 40-60%
- Development time for custom applications for Maximo reduced by 50%
- Maximo upgrade costs reduced by 60-70%

RulesManager is part of the smarter planet – a unified, simplified, connected, faster solution to deliver business requirements through Maximo.

- Unified
 - One tool to edit business logic
 - All Configuration in one place
- Simplified
 - The simple solution for complex business rules
 - Sits as an adjunct and can be turned off completely or rule, by rule
 - Upgrades are as simple as porting your rules files
- Faster
 - For your developers
 - For your users

- Connected
 - Bridge functions for:
 - XML Web Services
 - FTP
 - HTTP
 - JDBC
 - File Directory
 - Data migration and integration capabilities

Over the lifetime of a customer's Maximo system, RulesManager pays for itself time and time again.

Why CIOs and CTOs Love RulesManager

You no longer have to choose two between "good, cheap and fast". RulesManager brings all of this to your Maximo system. RulesManager makes Maximo an application that is inexpensive to deploy, adapt, support, and ensures a long life cycle. If you find yourself wondering:

- As I roll out Maximo, how can I support complex, multi-phased technology, organizational and data change management requirements?
- How can I change the standard functionality of Maximo to do something different that my business processes require?
- How can I make sure that we're addressing industry regulations, financial mandates like Sarbanes-Oxley, security-related policies, data standardization, visual standardization or auditing requirements?
- How can I deploy Maximo in the most efficient manner possible, while adjusting for user-requirements, maintaining performance SLA's and fitting all of our business processes?

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- How can I make sure that the time and money we've invested in customizations won't be lost when we upgrade versions?

If these are your questions, RulesManager is the answer.

Why Maximo Developers and Administrators Love RulesManager

Maximo developers and administrators can find themselves between a rock and a hard place. In order to assure faster, easier and less-risky deployments, CIOs often mandate that the application should remain "out-of-the-box". Meanwhile business leaders need Maximo to adapt to their business processes and users require fast performance and easier, more intuitive data entry screens. And, even if you do customizations, either through Java-class extensions or using

built-in Maximo configuration tools, you're faced with a configuration management nightmare or potential database strain.

RulesManager provides an intuitive, menu-driven, drag-and-drop, content-assisted configuration console driven by Java-script technology.

If you are faced with these questions:

- 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 create custom applications for Maximo, fast?
- How can I make sure that we can upgrade easily to the next version of Maximo?

RulesManager is the answer.

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.

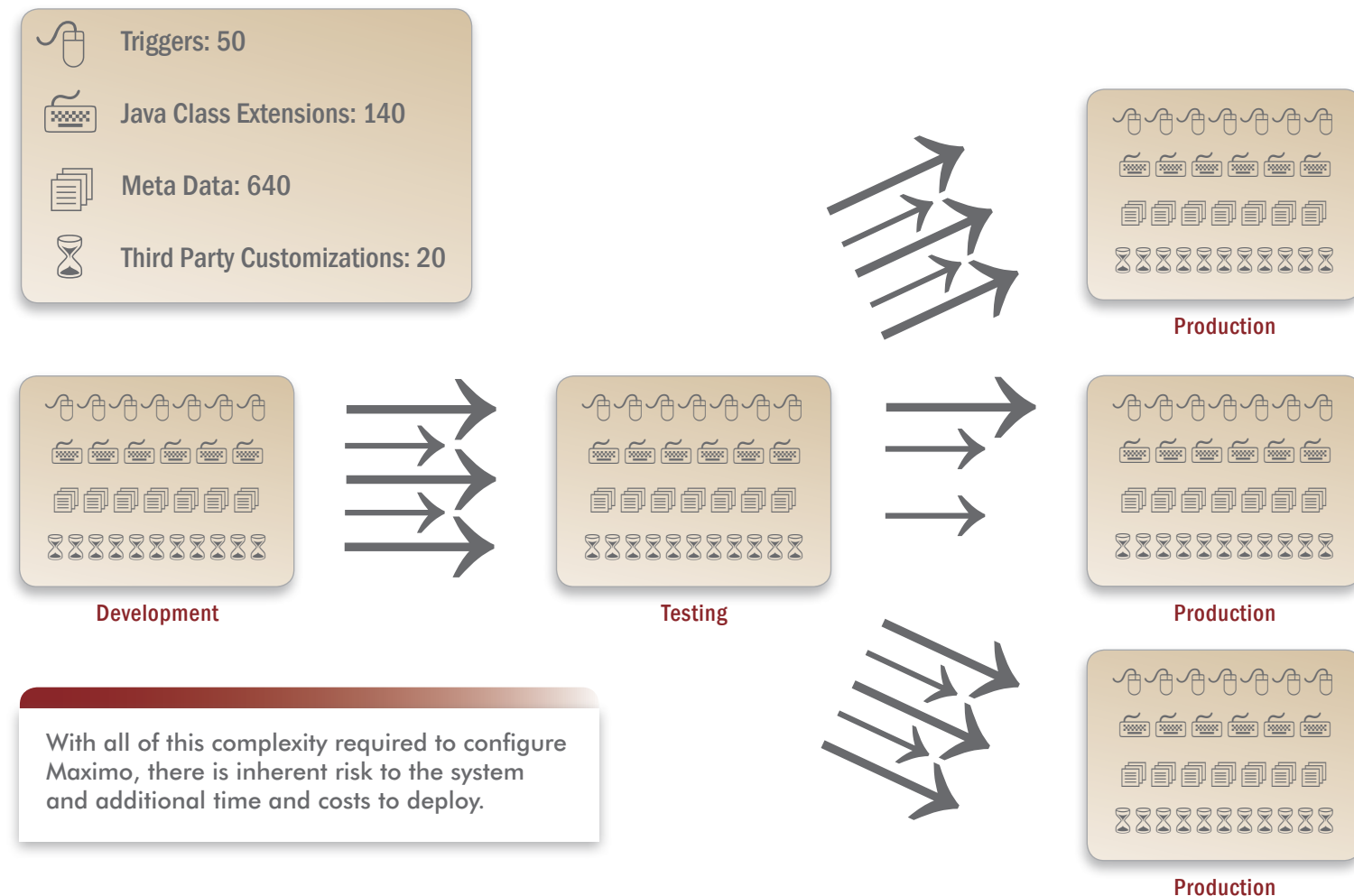
Simplified Data Migration and Scrubbing

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

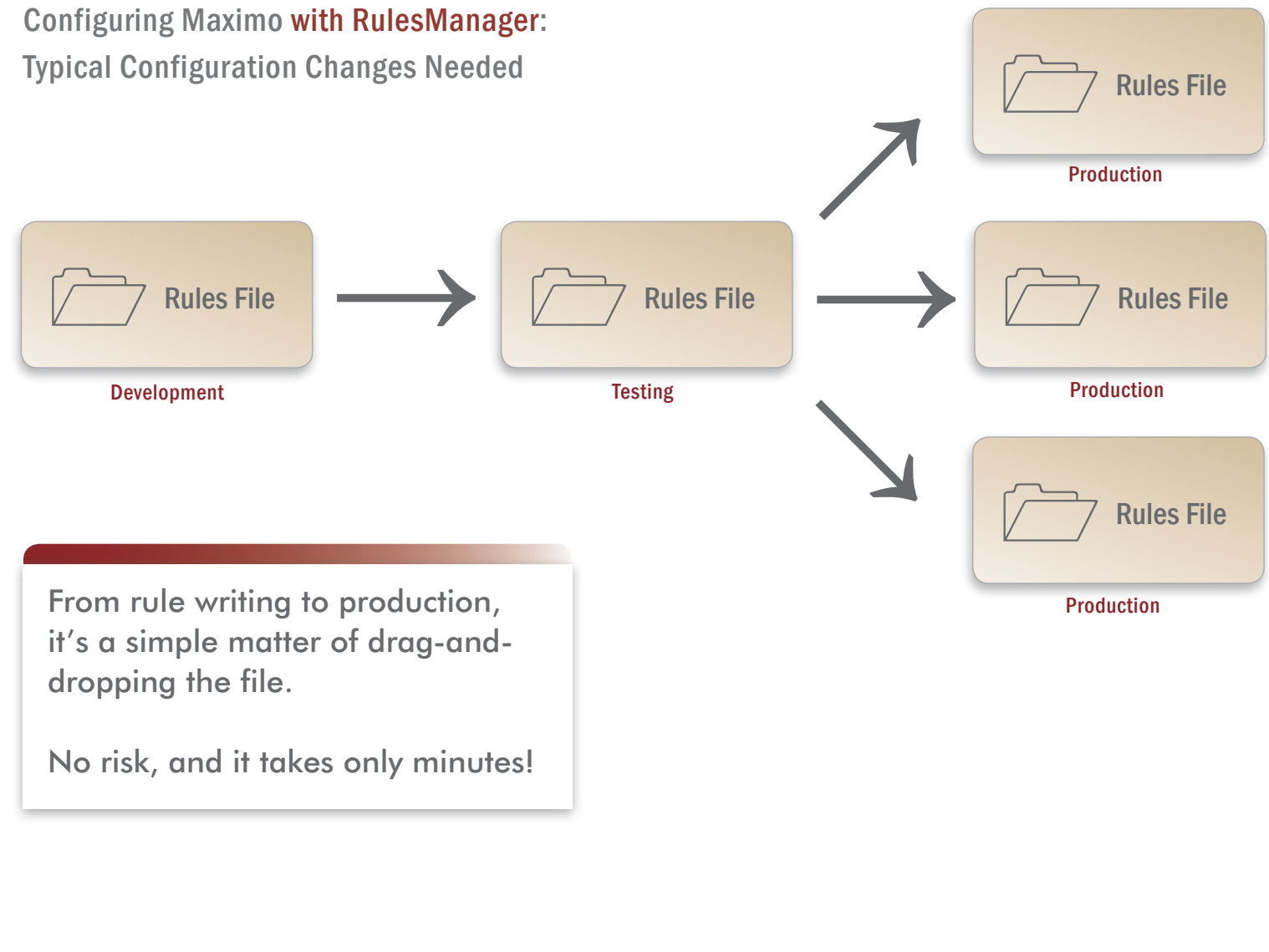
Configuring Maximo **without** RulesManager:

Typical Configuration Changes Needed



Configuring Maximo **with** RulesManager:

Typical Configuration Changes Needed



Resolve issues easier

Since RulesManager sits on the outside of Maximo and exists as an adjunct technology. RulesManager 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.

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. Upgrading with RulesManager is simply a matter of porting your rules files.

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.

Why Users Love RulesManager

Users experience all the benefits of Maximo plus RulesManager on a day-to-day basis. The data that they need is at their fingertips through field lookup, field and form validation, auto-form population, dynamic value lists, security model extensions, auditable fields and event services. Users never have to refresh, wait, refresh again waiting for workflows or escalations to kick-in.

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.

Interactive Display Feedback

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.

Stop Compromising! RulesManager makes the dream of Maximo (for CIOs, Developers and Users alike) – a reality.

About TRM

Total Resource Management, Inc. (TRM) delivers strategic consulting and information technology solutions in an Integrated Asset Management framework. We help organizations improve the management and performance of their enterprise assets, both tangible (facilities, infrastructure, production and logistics) and intangible (technology, business processes and human capital). Over the past decade, the company has supported over 200 clients with asset management technology expertise, professional services and productivity enhancement products that result in significant improvements to their business operations. Its headquarters are located in Alexandria, Virginia.

Work Order *	12956		Site	BEDFORD
Location *			Class	WORKORDER
Loc Priority			Work Type *	
Asset *			Subworktype	
Parent WO			GL Account *	
Classification			Failure Class *	
Description			Problem Code	

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