

BEDIFFERENT ACE 2012 INTERNATIONAL







Aras Requirements Management

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Why Requirements Management?



- Requirements are...
 - The voice of your customer
 - The building blocks of your products
 - Verification that you are building what you mean to build
 - Defining and validating design and quality goals
 - A CRITICAL IP ASSET

Why RM in PLM?



- Validation are we building the correct product?
 - Have we listened to our customers, and captured their needs?
 - Are we building what's ideal for the market?
- Traceability are we building the product correctly?
 - Have we forgotten anything?
 - Are my products / parts / documents satisfying my requirements?
- Version Control are we still building the correct product?
 - Close the loop validate with our customers that we are meeting their needs
 - See how our requirements have historically evolved

Aras RM Vision



► Managing Requirements in Aras Innovator

- Allow relating multiple disciplines to the definition and validation functions of requirements management
- Easy to use interface to enter and manage requirements
- Leverage workflow, lifecycle, and configuration management capabilities for enhanced requirements management
- Integrated processes

Anatomy of a Requirements Document



Document Header information

Product identification

Chapters

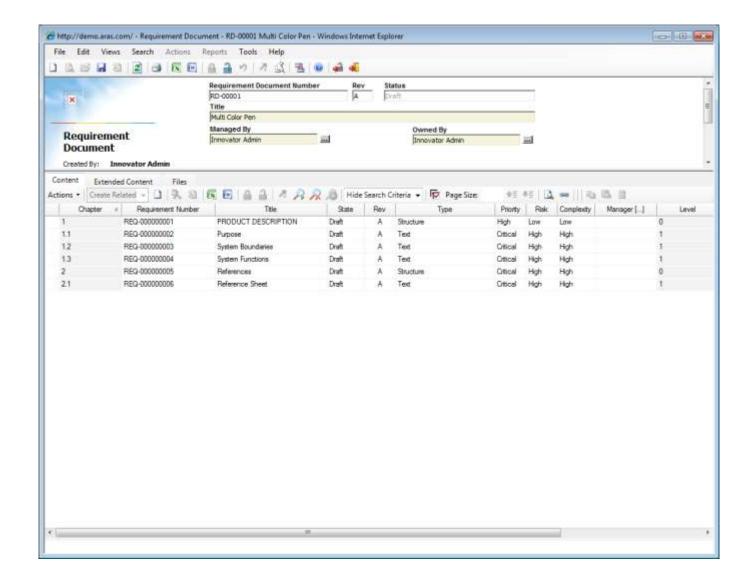
- Structure for the document
 - Text- items to describe product

Documents, Chapters, and text can be linked to:

- From other Aras Innovator items for tracebility e.g. Part that satisfies a Requirement
- External URL's
- Files
- Other Requirement objects in other Requirement Documents

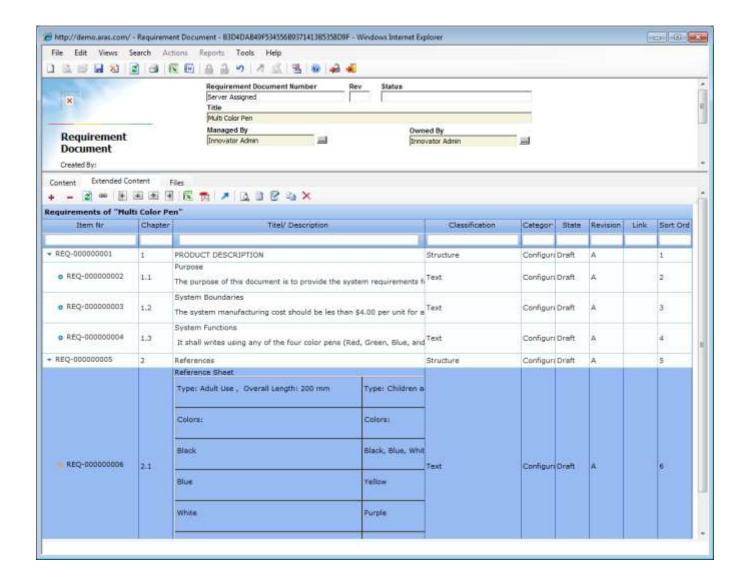
Requirements Documents





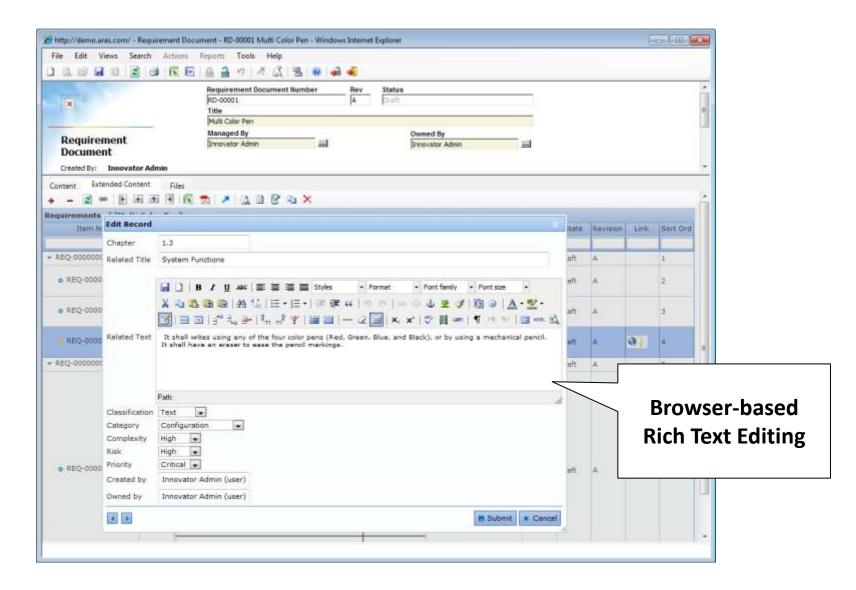
Enhanced Editing UI





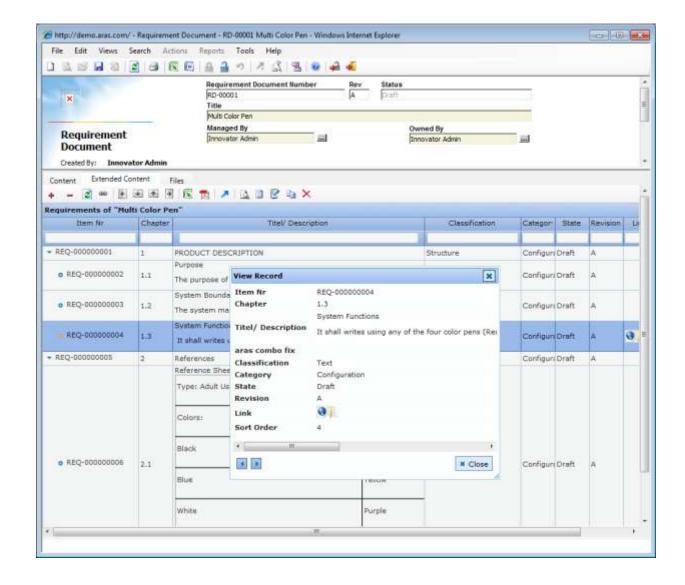
Enhanced Editing UI





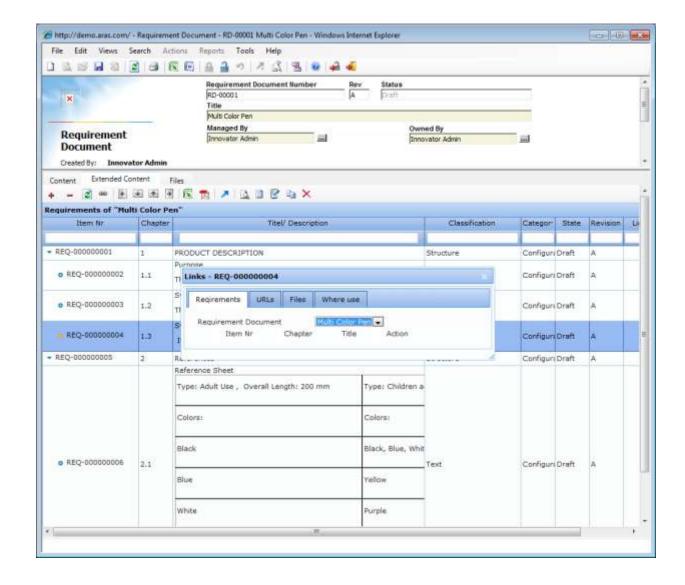
Enhanced Viewing UI





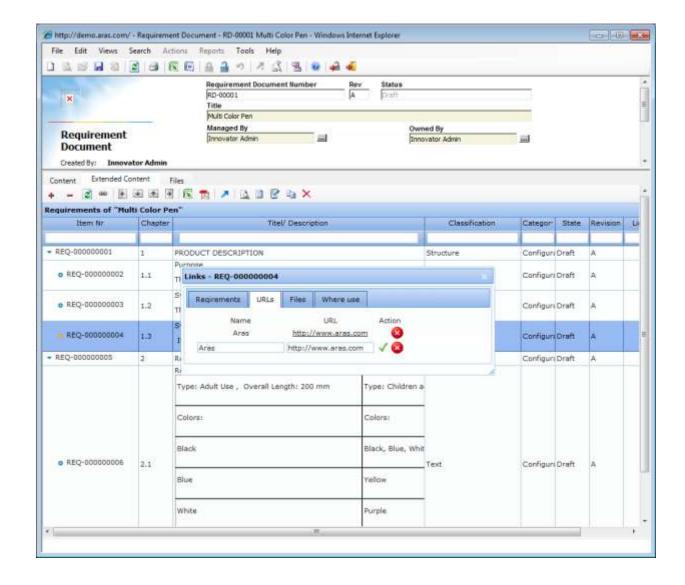
External Links- Requirements





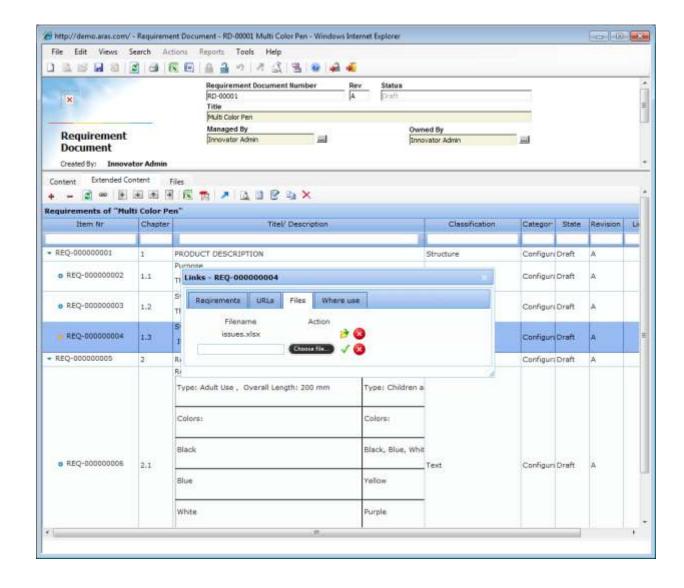
External Links- URLs





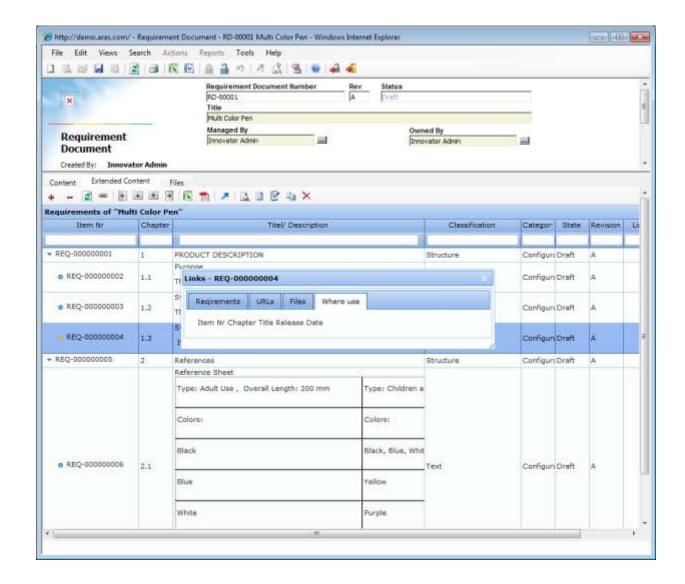
External Link- Files





External Links-Items

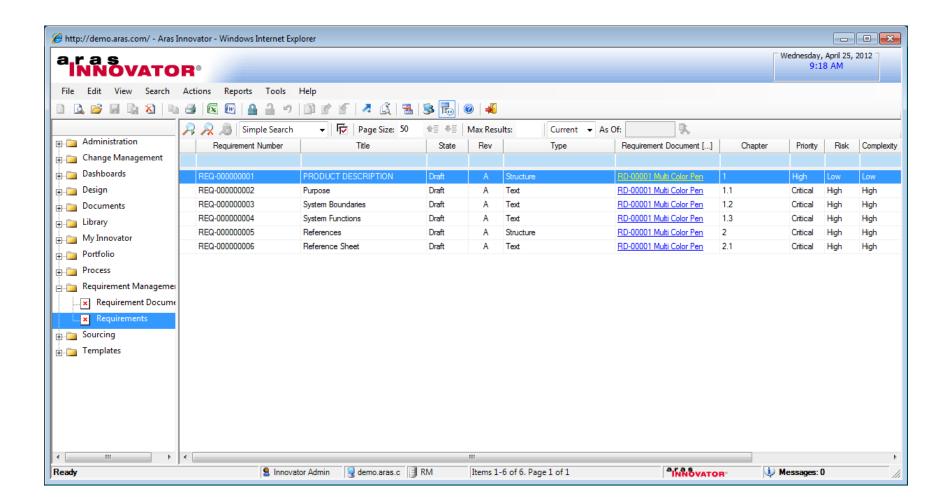




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Requirements Search





Aras Requirements Management



- Unified PLM data model
- Versionable Requirements Documents
- Capture requirements as formatted text, tables
- ► Link Requirements to other Requirement Documents
- Link Requirements to Files, URL's, Parts
- Extended content UI for ease of entering and editing requirements
- Export Requirements Documents to PDF

Aras Requirements Management



- Updated enhanced authoring UI/Dojo
- Text with inline vault-based images
- Text with inline item property links
- ► Trace Matrix Capabilities
- Import/Export from Word
- Requirement Document Change Order/Process
- Requirements as affected items
- Requirement link to any Itemtype

Aras Requirements Management



- Drag-and-Drop trace linking
- License Manager update enabling trial version
- ► Requirement Re-use/Derivation
- Customer/Supplier portal