Controlling complexity.

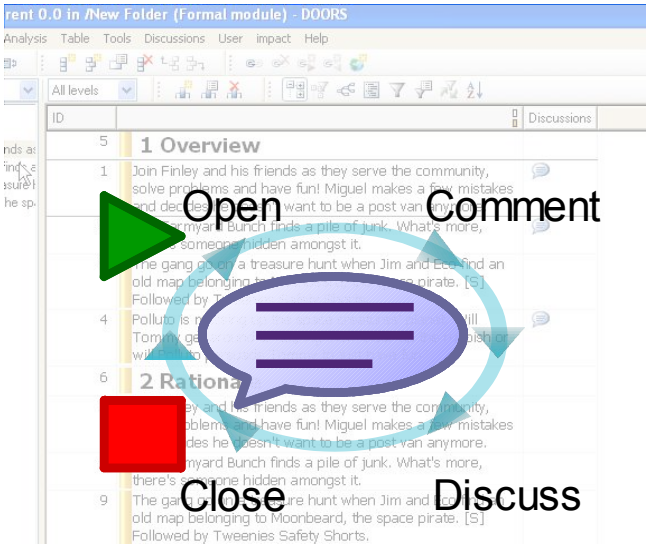
Business value in upgrading to DOORS

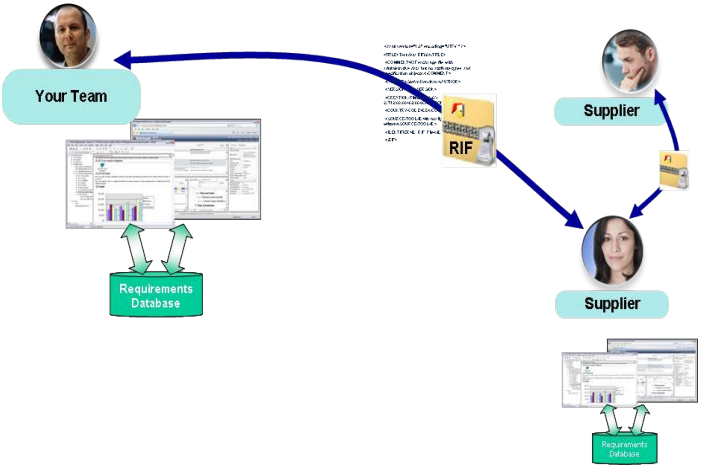
Reducing IT Administration Costs

- Use MSI Installer technology for your DOORS Client Deployment
  - Support for silent client (push) installation/deployment
    - Removing the need to visit each and every desktop for product upgrades
  - Can include patches/service packs
  - Combine into larger deployment packages to streamline the platform rollout.
- Managing DOORS more efficiency with improved administration tools
  - Broadcast Messaging for mass communication with all DOORS users, Support for Office 2007 tools
  - Direct Database Upgrade to DOORS 9.2 from 7.x or 8.x (no need for incremental version upgrades)
- Gain access to the latest operating systems
  - Extending support for Windows Vista, SUSE Linux server, VM-Ware virtualisation and Citrix desktop deployment

Requirements Visibility and Collaboration

- Improve quality of your requirements by encouraging discussions around requirements
  - Reduce ambiguity in requirements by making discussions easier and auditable
  - Reduce your cost of using home grown review tools or review processes outside of DOORS
- Improve the way your team collaborates with customers and suppliers around requirements
  - Team members can confidently share data between databases while working together in parallel
  - Data managed using XML based Requirements Interchange Format (RIF) standard
  - Reduce time spent merging multiple requirements documents when receiving feedback from your suppliers
  - Use built in functionality to facilitate collaboration
    - No need for additional bespoke DXL solutions





Globally distributed teams requires global modern tools

- Supporting locales
  - Work with DOORS in locales of your choice
    - DOORS 9 offers full translation of UI for Japanese, Chinese and soon German, French and Russia
- Define your requirements using local languages
  - Reduce the pain for international users to adopt a client presented in their local language; Reduce the training cost with localised versions
    - The provision of Unicode DOORS supports almost all written languages since DOORS 8
    - Reduce requirements error will language dictionaries supporting 19 different languages
- DOORS usability and visibility
  - Improve adoption and reduce training using DOORS usability enhancements
    - Refreshed User Experience, Tool Tips, Configurable Tool Bars, Welcome screen, Lock request messages, Compliance for 508 regulations

Controlling complexity.

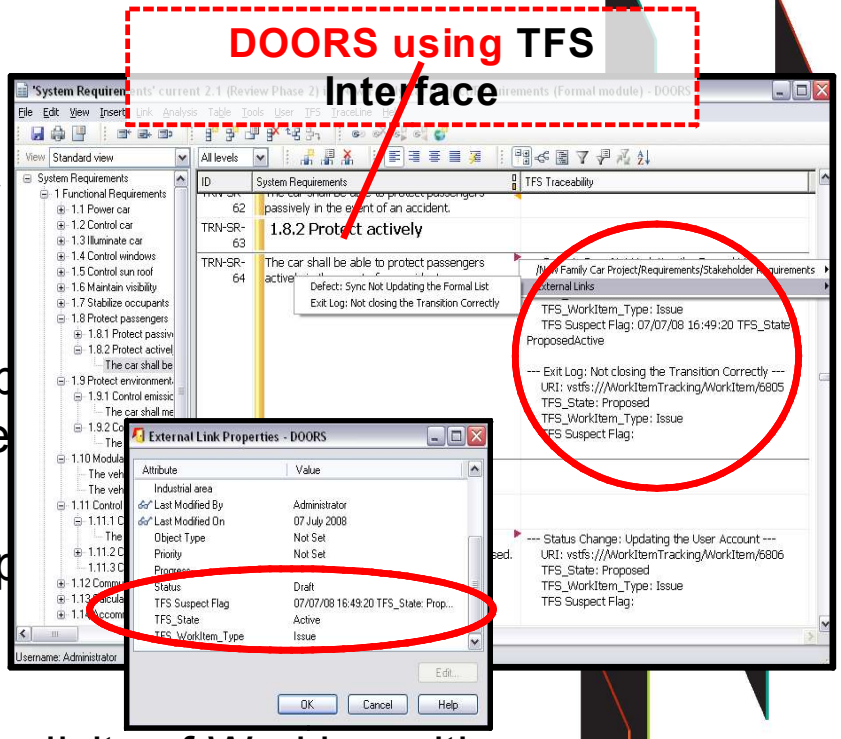
Reliability and scalability for enterprise users

- Flexibility for product usage
  - License Checkout
    - DOORS enables users to move outside of your network domain
  - License tokens
    - allow organisations to focus on different disciplines at different stages of a project
      - e.g. more DOORS usage in the front half of a project and perhaps more test management needs in the later stages
- Connecting to a corporate user & groups – LDAP
  - Common user administration and authentication across multiple DOORS installations and other Rational products using the Rational Directory Server (RDS)
- Enhanced Security Control (Protecting your data)
  - Restriction for DXL usage
  - Two-factor authentication
- Performance for distributed access over LAN/WAN
  - Active upgrade plans ensures a healthy deployment

Controlling complexity.

Extending traceability across project disciplines

- Extended traceability Using Standardized URL Linking
  - Connectivity to other DOORS DB,
    Connectivity to 3rd Party tools,
    Connectivity to MS Tools
  - Drag and drop DOORS requirements into other applications
    - Everybody should understand the importance of requirements and b demonstrate that they mee
    - By extending traceability to go beyond the boundaries of DOORS, more peop encouraged to work against

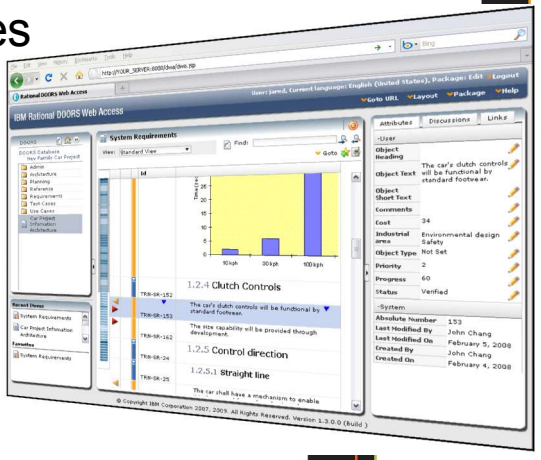


- Form-based editing of requirements to ease the Simplicity of Working with Data in DOORS
  - Allow users a simple and concise way of imputing requirements or attributes improving adoption and reducing training needs.

Controlling complexity.

Expand requirements driven development using DOORS Web Access

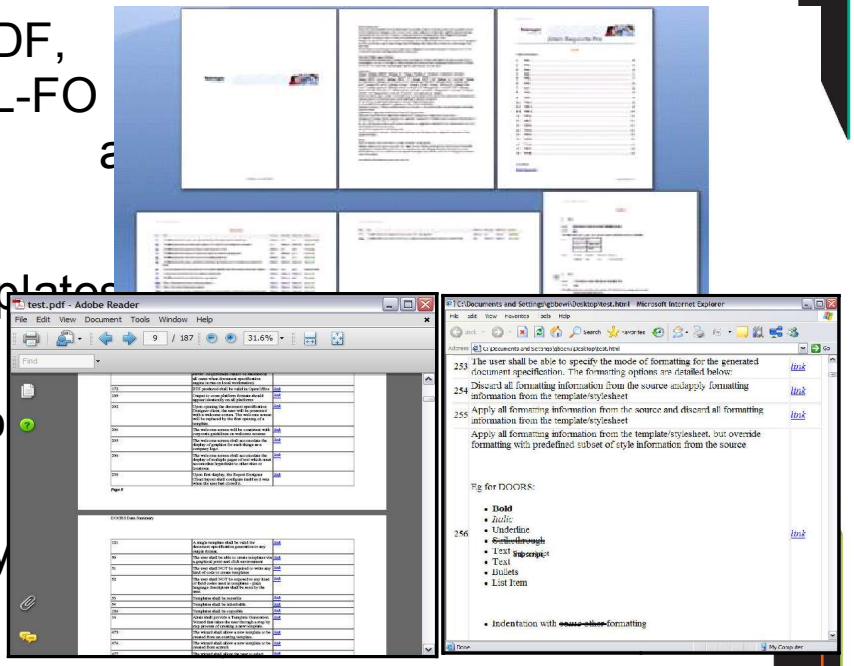
- Improve requirements and product quality by using web based requirements management tools (DOORS Web Access)
  - Combines the best Web browser tool paradigms for easy adoption and increased user productivity
  - Extend RM for virtual workgroups collaborating on a central requirements database
    - No need to physically move data or synchronize databases
    - Add users without additional software installations
- Wider Adoption for RM Across Enterprise
  - Requirements can be easily created/edited through commercial Web browsers
  - Fast, efficient global access and editing with comprehensive data security
- Reduce your costs for:
  - Installation and training
  - Exporting / Importing between DOORS users and others
  - Hosting DOORS on Terminal Servers



Controlling complexity.

Improved Document Publishing Using Rational Publishing Engine

- Create off-line requirements documents in various formats for distribution and review
  - e.g. Standard files in MS Word, HTML, PDF, XSL-FO
    have a
- Enhance your documentation quality and consistency by sharing and reusing templates
  - Use out-of-the-box templates for effective and quick document generation
  - Gain quick ROI with out of the box templates and a user community share templates

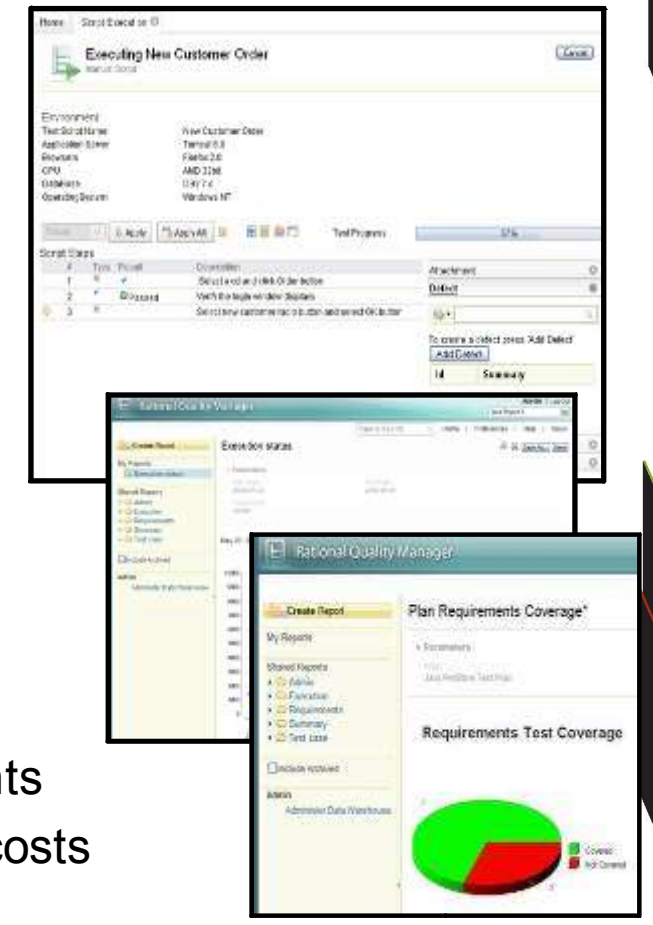


- Increase productivity by allowing engineers to focus on engineering, NOT formatting concerns
  - Avoid wasted engineering time waiting for documents to be generated with an easy to use, high performance and low resource use solution

Controlling complexity.

Verification and quality for requirements through Rational Quality Manager

- Align testing and verification for requirements held in DOORS
  - Getting everyone on the same page with minimal learning curves
  - Accessing information from other disciplines (RM or Test) without the need to move outside of a preferred working environment
- Ensure that you have complete test coverage
  - Managing scope, plus assessing and controlling the impact of change
  - Ensuring end-to-end traceability from requirements to test
- Demonstrating compliance to regulations
  - Ensuring conformance to contractual agreements
  - Increasing systems quality and reduce rework costs



Controlling complexity.

Further Integrations

- DOORS 9.2 enables integration to state of the art commercial products
  - Requirements driven development, ensuring the developers have control of their scope
    - IBM Rational Rhapsody
    - IBM Rational System Architect
    - IBM Rational Software Architect
  - Requirements driven testing, ensuring the test team work against a common set of requirements
    - IBM Rational Quality Manager
    - HP Quality Center
  - Connecting requirements to the development process
    - IBM Rational ClearQuest
    - IBM Rational Change
  - Ensuring the correct requirements is writing down and worked against
    - IBM Rational Requirements Composer
    - IBM Rational Focal Point

Questions