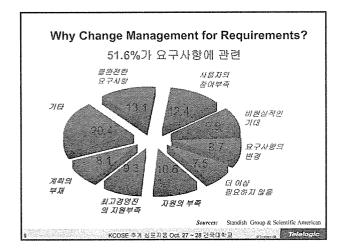
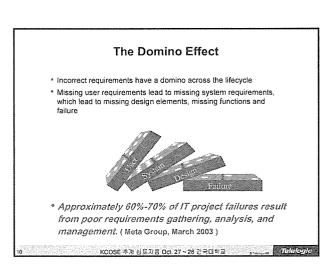


Agenda ✓ Ahoul Telelogic * Why and What is Requirements Managements? * What is the Change Management? Document-centered Formal CM Process Effective Change Management Using DOORS * Change Proposal System supported by DOORS * Conclusion * Q&A KCOSE 추계 신포자품 Oct. 27~28 건국대학교 approximation

What is requirements management? * Ultimately, requirements management is about customer satisfaction - about ensuring that we have built the \emph{right} product.

- Make sure at every stage we do not stray from that intent (traceability)
- Ensure at the end that we did build what we intended to (conformance)





Agenda ✓ About Telelogic √Why and What is Requirements Managements? * What is the Change Management? Document-centered Formal CM Process * Effective Change Management Using DOORS * Change Proposal System supported by DOORS * Q&A KCOSE 추계 심포지를 Oct. 27~28 건국대송교 --------- Tele/

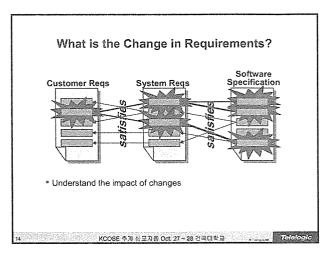
Nothing endures but change. (Heraclitus 540 BC ?480 BC) All we can do is manage it efficiently.

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What is the Change Management?

Change Management is a process for submitting, reviewing, and evaluating proposed changes for cost, schedule and technical impact so that informed decisions can be made concerning the cost/benefit of accepting proposed change.

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Agenda

- ✓ About Telelogic
- √ Why and What is Requirements Managements?
- √ What is the Change Management?
- * Document-centered Formal CM Process
- * Effective Change Management Using DOORS
- Change Proposal System supported by DOORS
- Conclusion
- * Q&A



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Roles for the Formal CM Process

- The Document Author/Owner
 - A document owner can coordinate multiple authors to help produce the document
- The CM Manager
 - is responsible for document control when the draft document is released for review and circulation outside the author's immediate peer group.
- The Customer
 - should participate in the formal review board and provide signature approval on the baseline document.
- The Developers
- The Testers

Document-centered Formal CM Process

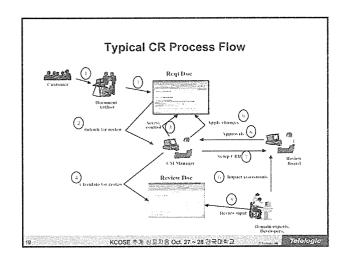
- * Create an initial draft document
- . The author completes the draft and submits the document to the CM organization to distribute for review
- * The CM manager baselines the document and produces copies to distribute for review.
- * Reviewers provide input by marking up their baseline copies and returning to CM along with any impact assessments.
 - The process may require a change request form summarizing the changes and sizing impacts to the reviewer's organization.
- CM hosts a review board where comments and impacts are assessed.
- Decision-making if change submittals should be accepted, placed on hold for further clarification or rejected.

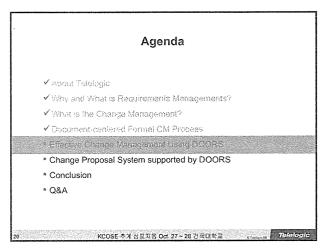
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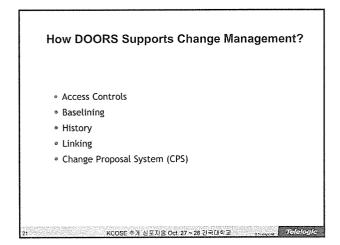
Document-centered Formal CM Process(Con't)

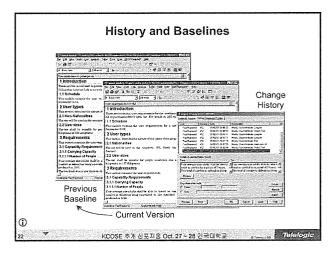
- . Review Board minutes summarizing the activity for this review are generated and placed with the reviewed document.
- CM or the original author manually updates the document and a new version is declared.
- The incorporated changes are re-reviewed to assure they were properly executed and that nothing else was changed outside the approved changes.
- A new baseline is declared and the cycle repeats.

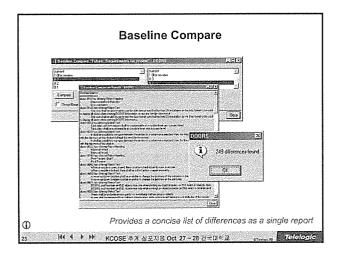
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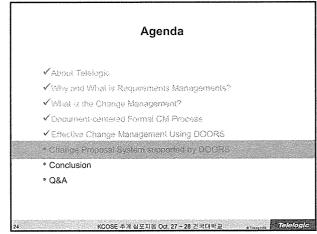












What is the Change Proposal System?

- It provides the ability to submit, review, and apply change proposals on objects in formal modules.
- * Capabilities
 - Propose changes to objects(including selected attributes) in a module under review.
 - Submit general suggestions for improvement to the review module as a whole.
 - Check the review status of proposals and suggestions that you have submitted.
 - Approve or reject any proposal
 - Link together proposals which have been approved, to the original object in a review module.

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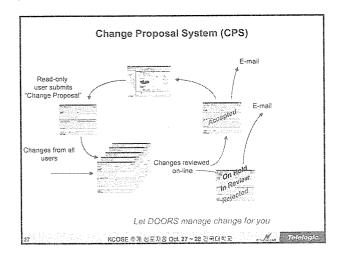
CP Manager The CP Managers control what data is configured for review, and who can review it. They control which users have which CP roles. Standard

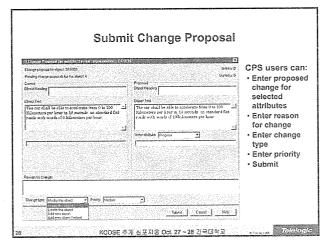
 These are the ordinary users taking part in the review. They can submit proposals, and they can see the proposals submitted by themselves and by other users.

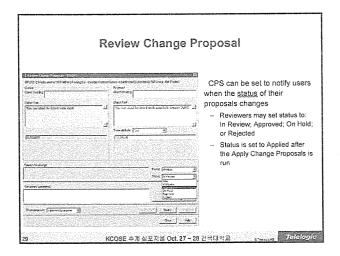
 The CP Reviewers are the members of the CP review team (sometimes called the Change Control Board, or CCB). They look at each proposal and decide on the appropriate course of action.
 They decide whether to accept, reject, or defer the proposal.

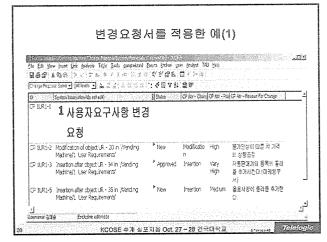
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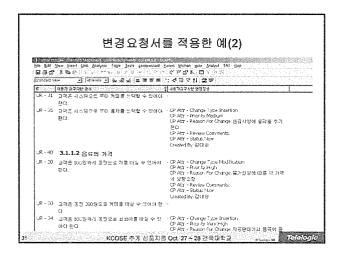
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Conclusions

- * The Importance of Requirements Management
 - The Key to Project Success
- * The Importance of Change Management for Requirements
- * Typical CR Process(Unfreezing, Changing and Refreezing)
- * How to Support CR Process in DOORS
 - Baselining
 - History
 - CPS
- DOORS supports an effective change management for requirements.

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Nothing endures but change.

Enjoy it!

Any questions?