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Developing a Second Generation Directive System Architecture

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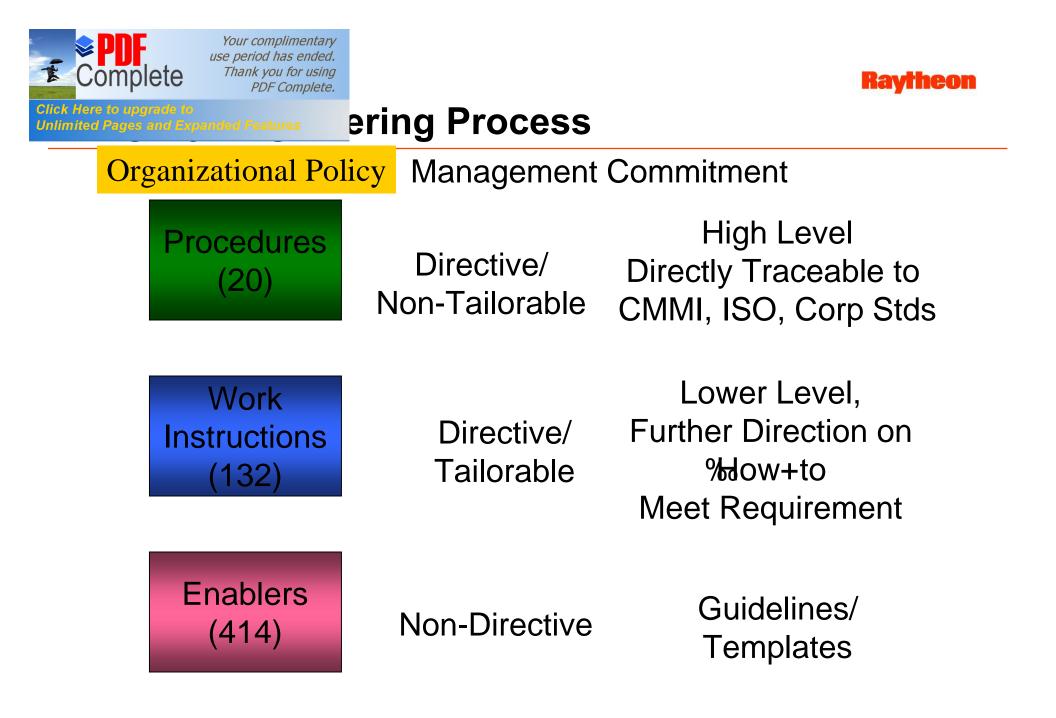
November 14, 2007





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- " Legacy directive systems
- ⁷ Limitations and Drivers for Change
- " Proposed Solutions
- "New Directive System
- "New System for Non-directive Guidelines and Templates
- ⁷ Lessons Learned



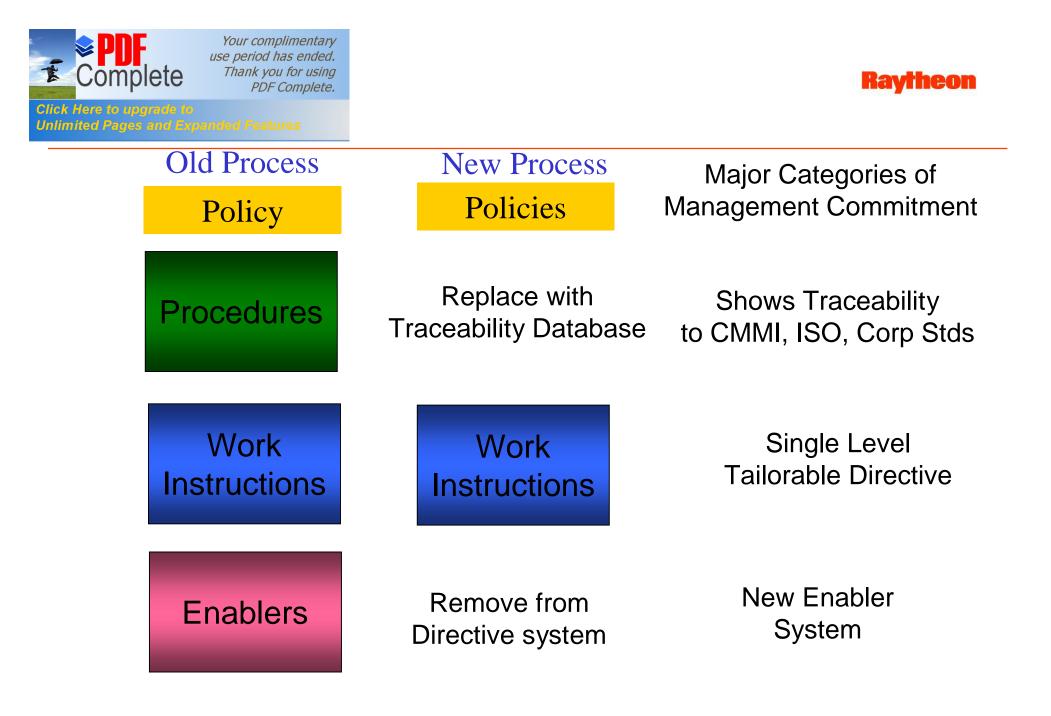


I Concerns

- " Engineering only . other areas (e.g., HR) only have policies
 - . Systems are not compatible
- Two levels of directives . Procedures and Work Instructions
 - . Programs have trouble keeping track of multiple directives per process area
- ⁷ Non-Directive enablers in directive system
 - . Confusing during audits
 - . Adds unnecessary formality to many tools and templates
- ⁷ Not well integrated with corporate directives
 - . Developed prior to corporate directives becoming CMMI compliant
- " Large number of documents to manage (566)

Time for a change

HENTREDT





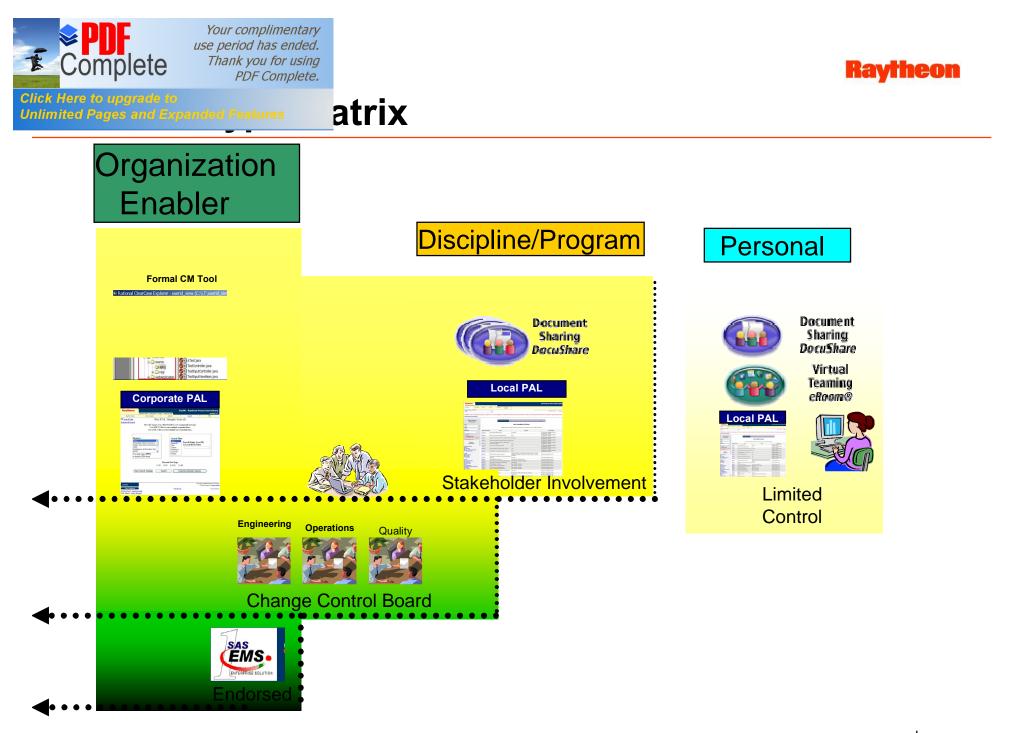
- ⁷ Compatible with other (less complex) Corporate Directive Systems
- ["] Single level of directives
 - . All Program Requirements in Work Instructions
 - . Less complexity . Keep short and concise
- ["] Non-Directive enablers outside of directive system
 - . Eases maintenance
- ["] Better integration with corporate directives, Industry Standards and Local Standards
 - . Traceability Database
- ⁷ Reduced number of documents to manage (152)
 - . Removal of 414 Enablers





- Transfer Functional DisciplinesqEnablers to local control
- " process simplification
 - reduce bureaucracy
 - reduce costs
 - " improve cycle time

More Useful Enablers





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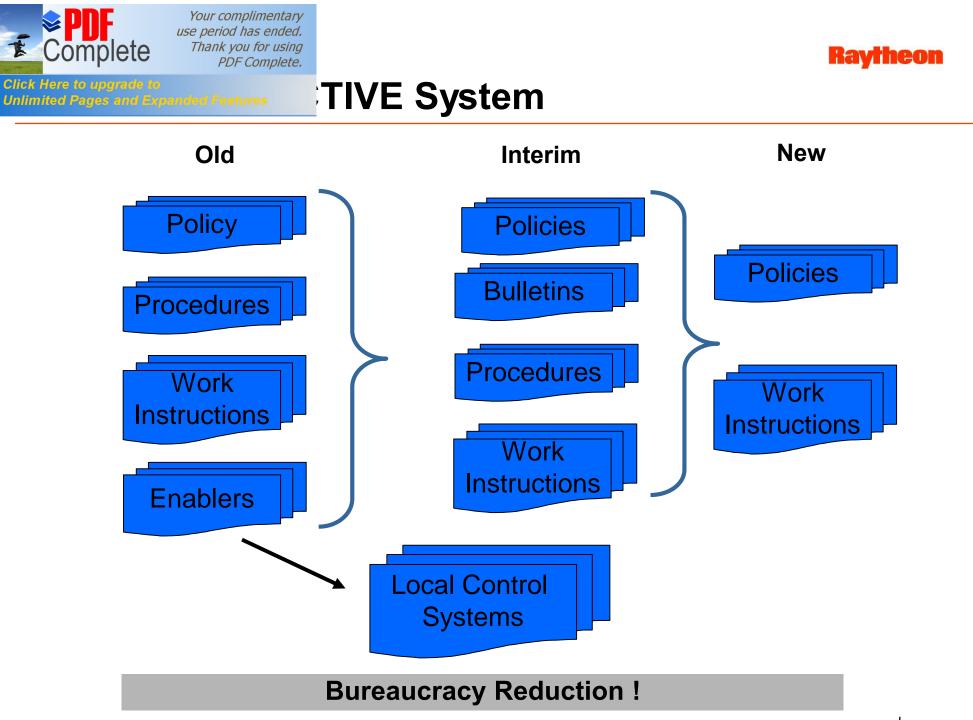
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Туре	<u>1</u>	<u>2</u>	<u>3</u>
Control	Repository	Function/ Informal	Formal
	Control	or	Organization/
		Local CCB	Corp. Level CCB
Repository	Docushare	Docushare	Clearcase
	Local PAL	Local PAL	Corp. PAL
			(Endorsed)
Delivery	Repository	Web Page	EMS User Views
	Search	(Functional,	Corp. Process
		Program, Dept,	·
		Site) EMS User	
		Views	
Relationship to	None Expected	Could be .	Yes
Directives		if related to WI	
		Requirement	

Three Levels of Control Defined for Enabler Categories







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- "Headed Toward Single Directive System
- "Single Level of Management Commitment
- ["] Single Level of Directives
- "Simplified System Keep it Short and Simple!
- "Reduction in Directive System Size (414 Enablers)
- "Enhanced Enablers in Separate System
- Change Takes Time



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Questions???