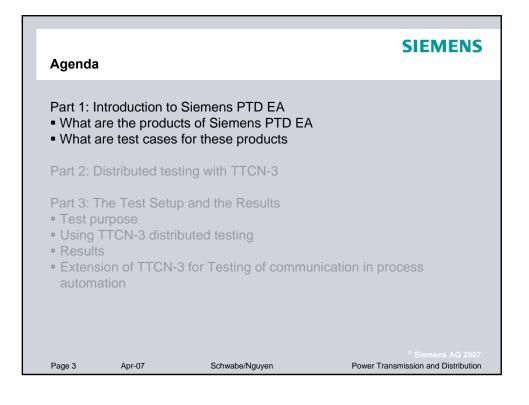
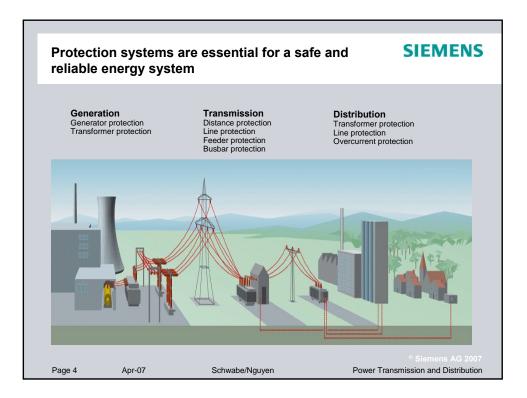
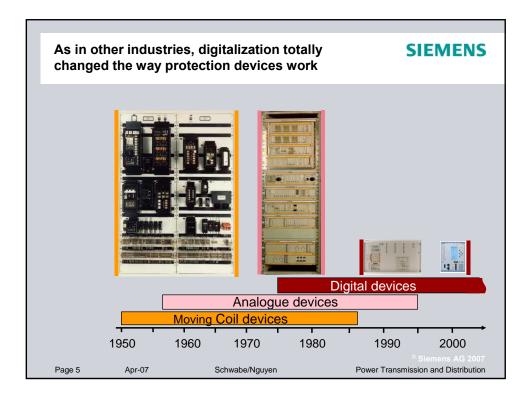
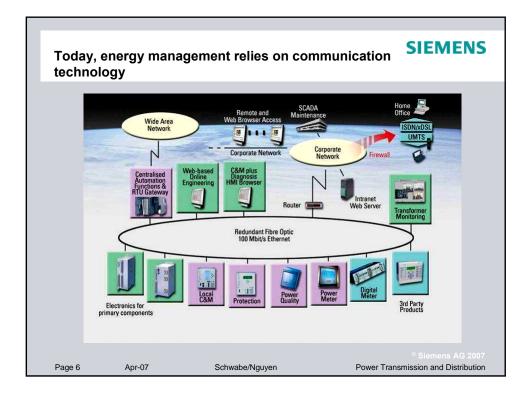


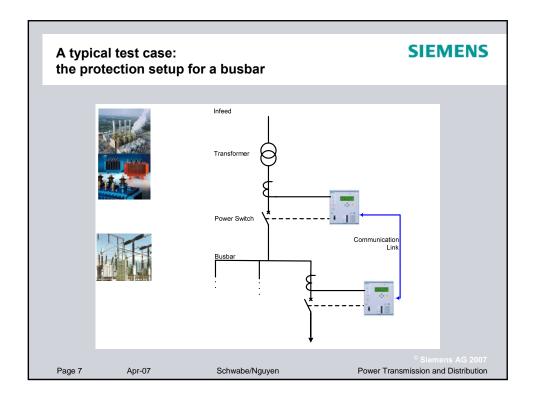
Agenda			SIEMENS		
-					
Part 1: Introduction to Siemens PTD EA What are the products of Siemens PTD EA What are test cases for these products 					
Part 2: Distributed testing with TTCN-3					
Part 3: The Test Setup and the Results Test purpose Using TTCN-3 distributed testing Results 					
 Extension of TTCN-3 for Testing of communication in process automation 					
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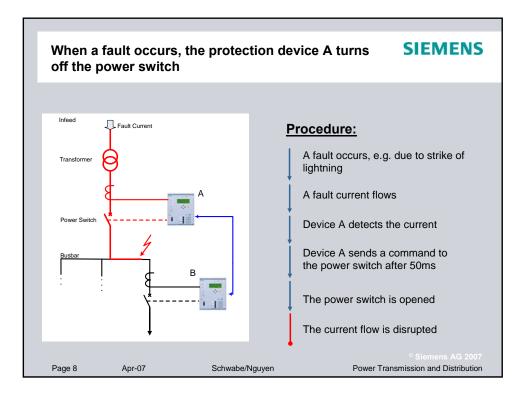


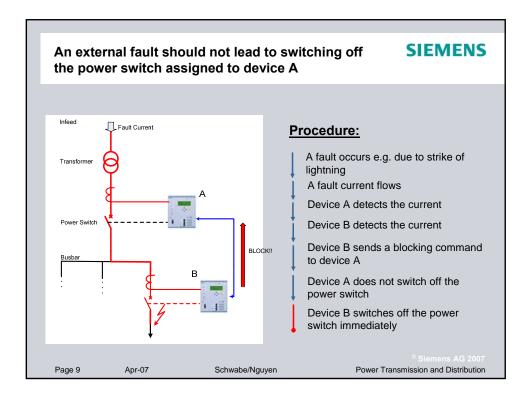


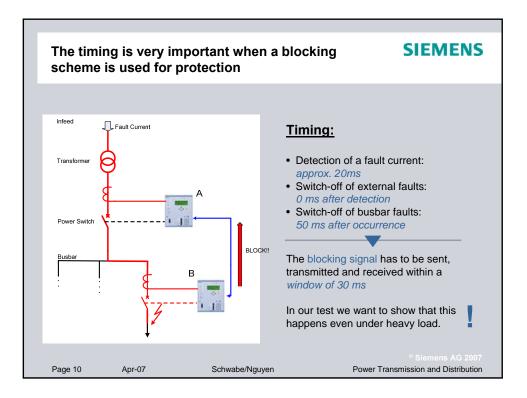


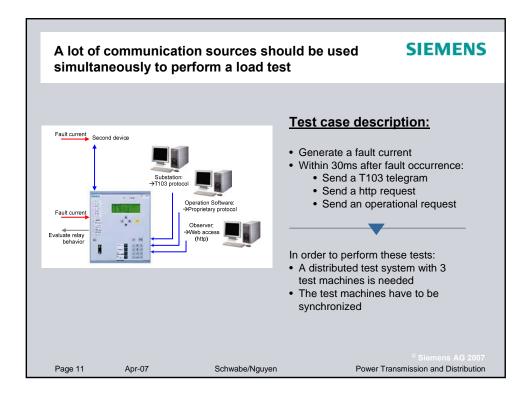




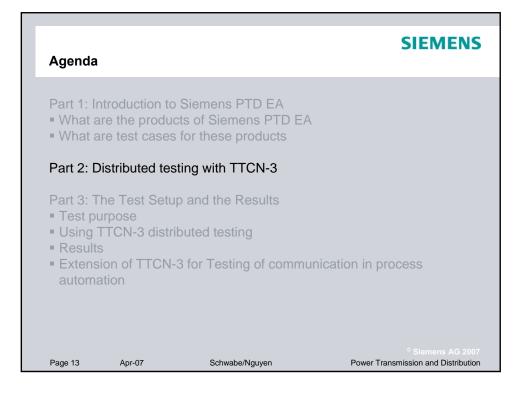


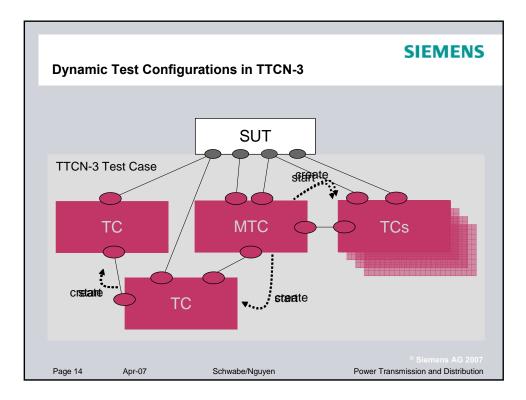


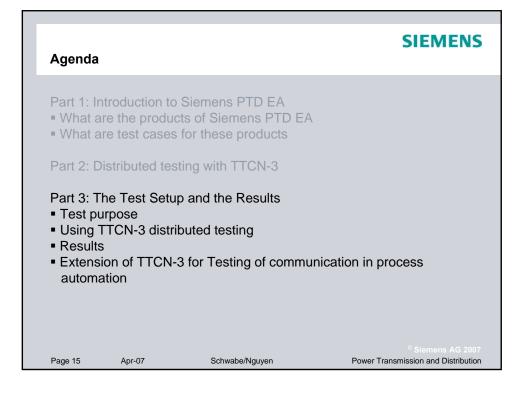


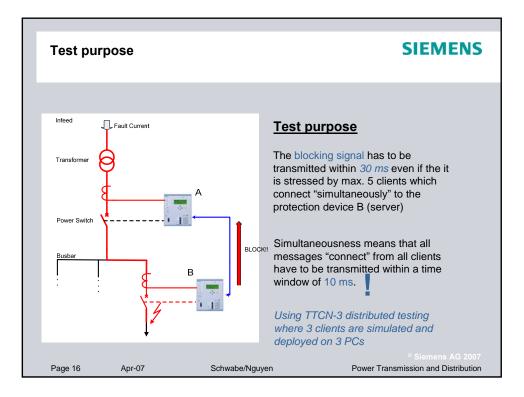


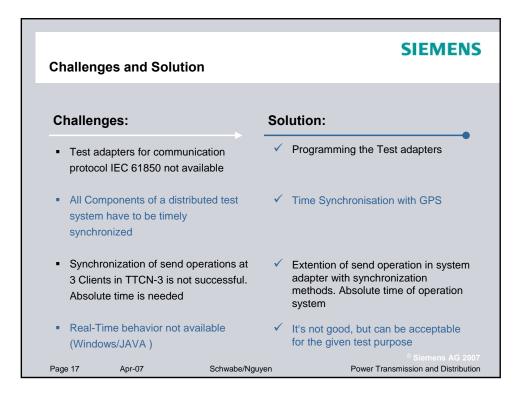
Summary	SIEMENS
Load testing of a blocking scheme with	Sending messages to a system under test from 3 test computers
two protection devices – – Challenges	The test computers have to be synchronized with each other
Tradome	The analogue signal generator has to be synchronized with the test machines
A Prove State	The test machines have to support different protocols
	Our "synchronicity" requirement for this scenario is: <i>"Within an interval of 10 ms"</i>
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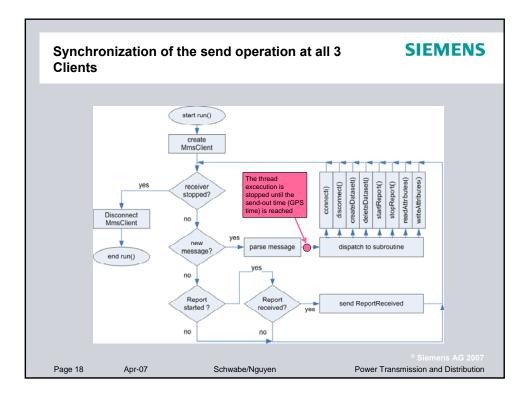


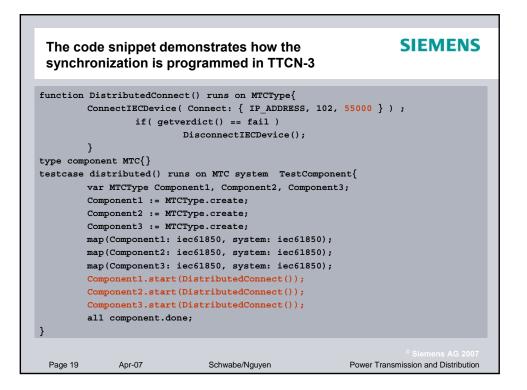


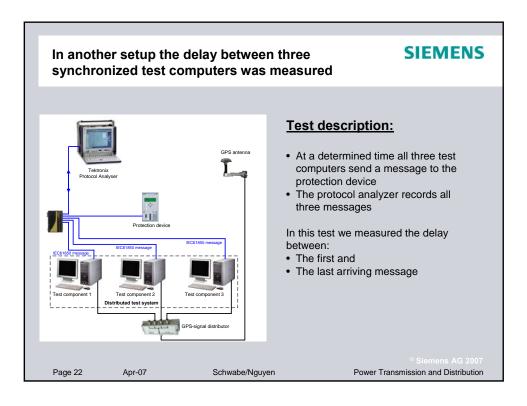


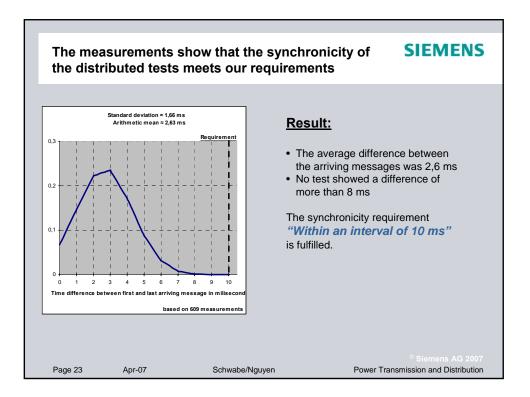


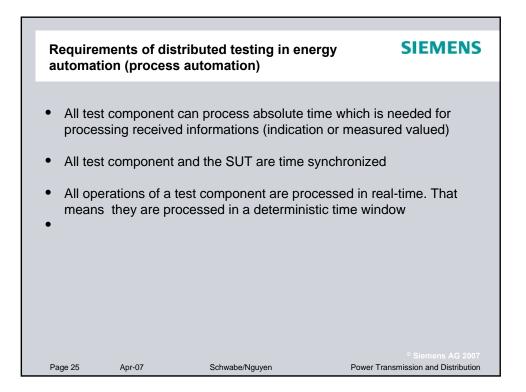


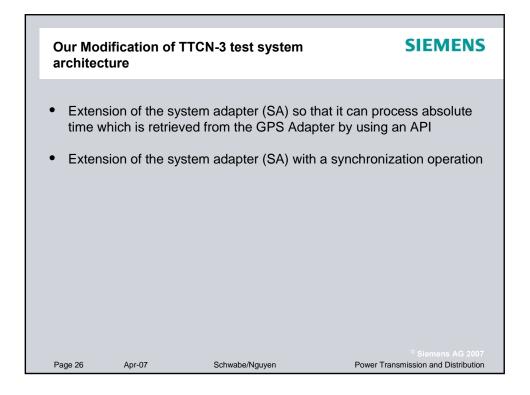


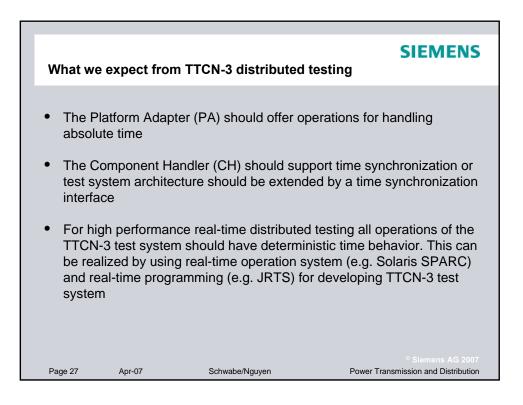












Summary		SIEMENS
Synchronization of	TTCN-3 distributed tes applied	sting was successfully
three TTCN-3 test computers with GPS – Results	TTCN-3 test system a for time synchronization absolute time	rchitecture was modified on and processing
	The test application ful	Ifills the requirements
	TTCN-3 should suppor synchronization	rt absolute time and time
	• High performance real-time distributed testing doesn't have to be standardized but it can be implemented if necessary	
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			SIEMENS
Questior	ıs?		
		These you for your otto	ntion
		Thank you for your atte	nuon!
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