





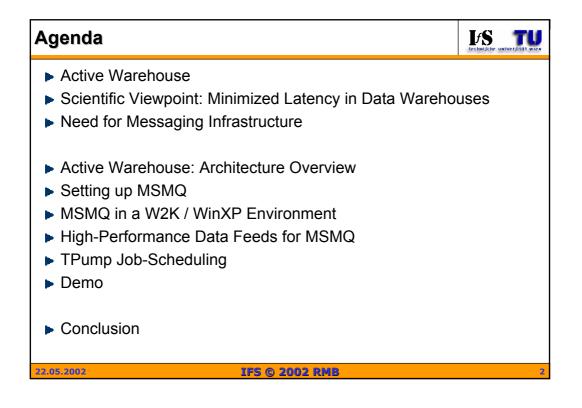
Active Warehouse

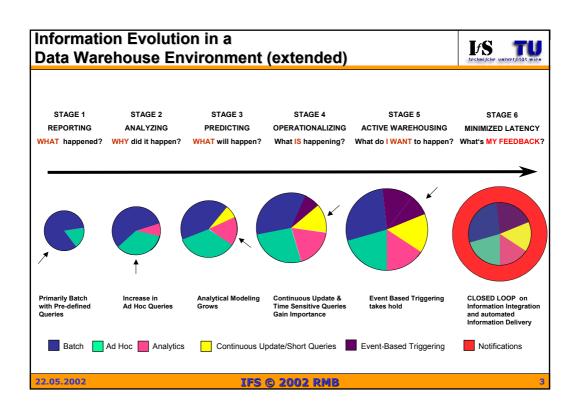
Proof of Concept in a W2K / WinXP Environment

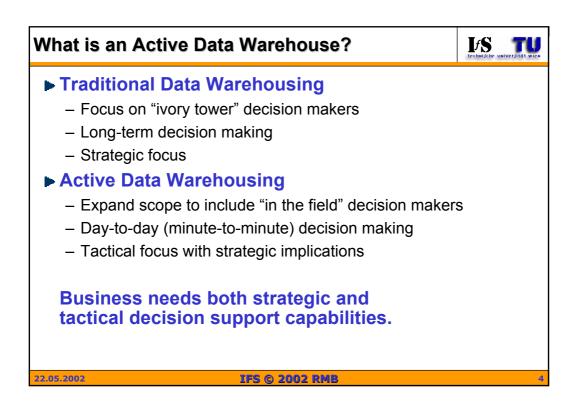
DI Robert M. Bruckner Vienna University of Technology Institute of Software Technology Information & Software Engineering http://www.ifs.tuwien.ac.at

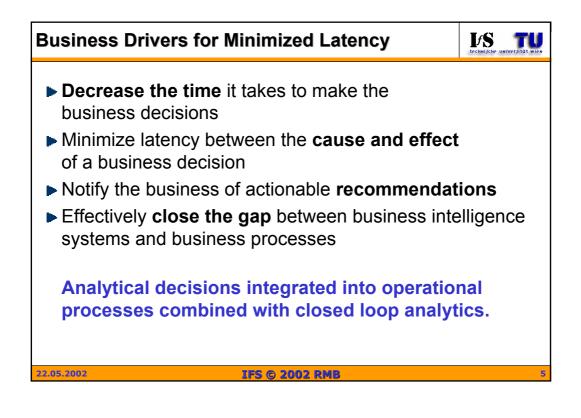
bruckner@ifs.tuwien.ac.at

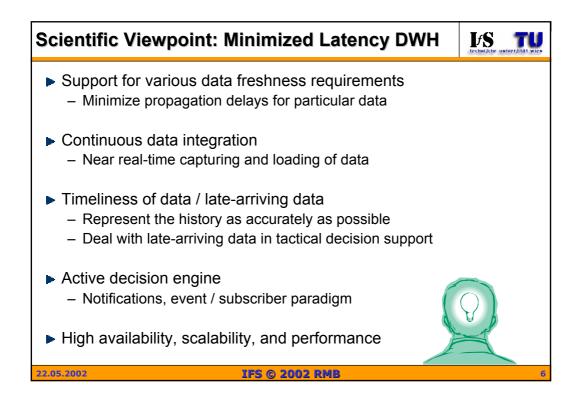
May 2002

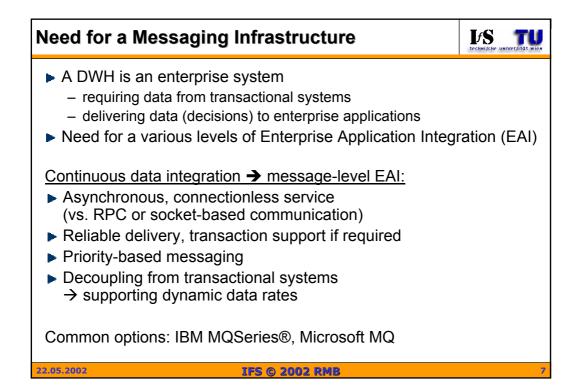


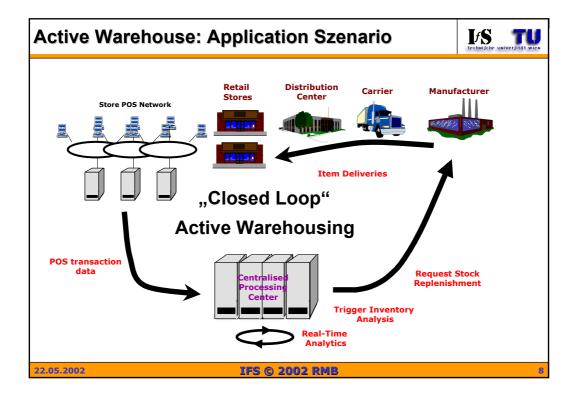


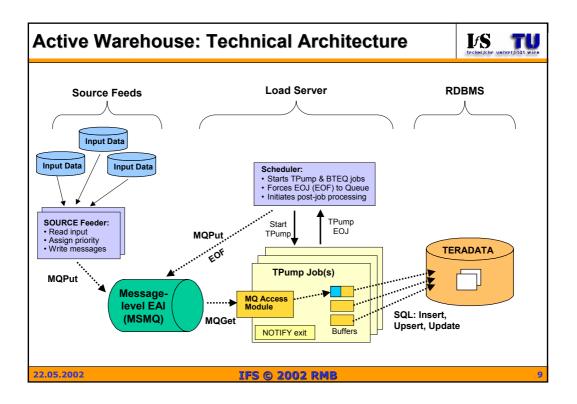




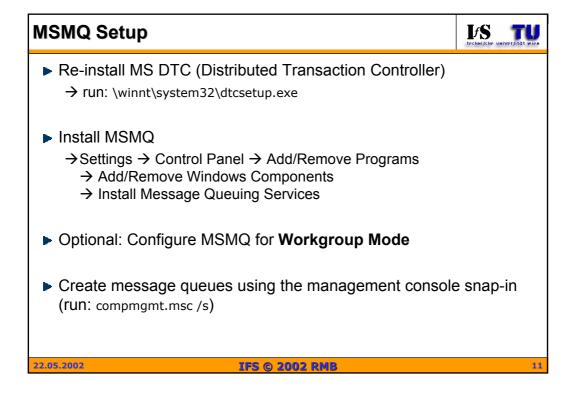


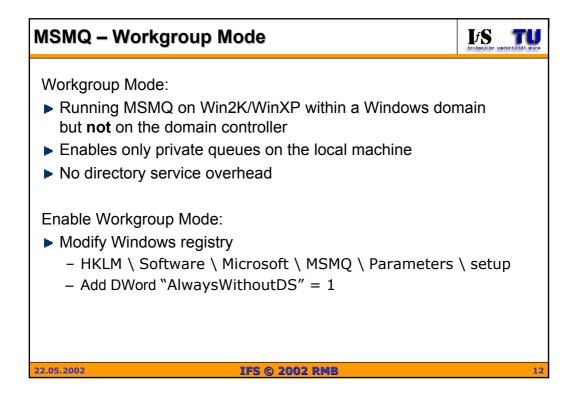


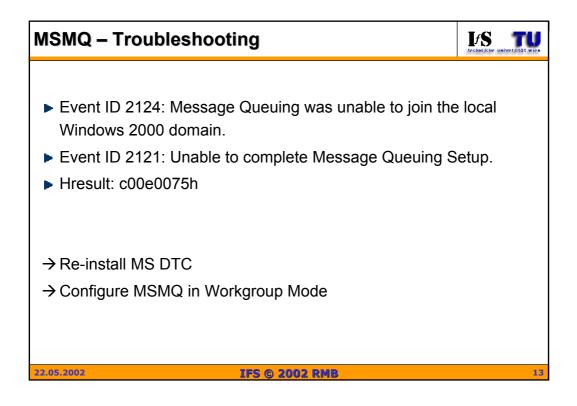


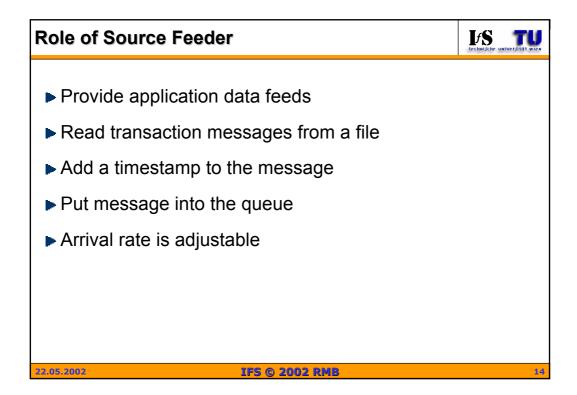


MSMQ Features	LFS TU
Integrated with	
– WinNT4: MSMQ 1.0	
 Win2K: MSMQ 2.0 WinXP: MSMQ 3.0 	
Security, message persistence, transaction support	
 Public Queues published through directory service — Win2K / MSMQ 2.0: Active Directory at domain controller 	
– Win NT 4 / MSMQ 1.0: SQL Server 6.5	
Private Queues are not published	
 no directory service overhead 	
More Details: http://www.microsoft.com/msmq	
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TPump

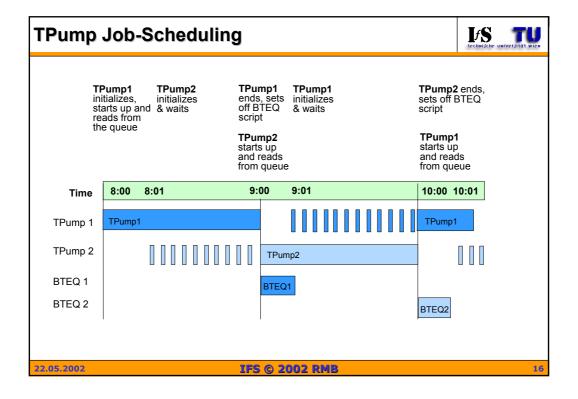


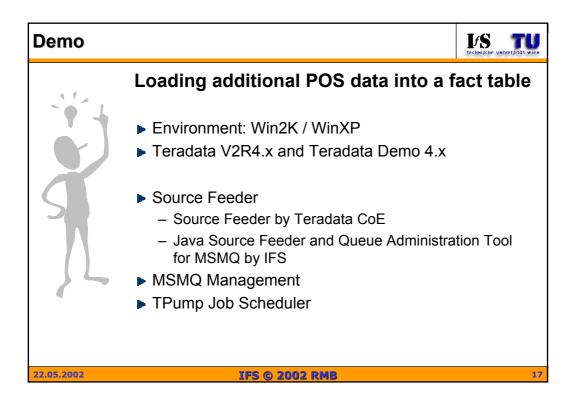
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- Continuous feed
 - New or changed data
 - MPP Teradata loading
 - Many client platforms and sources (AXS-modules)
- Row level locking
 - Several TPump jobs can run against the same table at the same time from sources varied as Windows, MVS, or Unix
- Concurrent query access possible
- TPump is suitable, when some of the data needs to be updated closer to the time the event or the transaction took place

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Demo: Source Feeder by Teradata CoE	LECHNIJCHE UNIVERJITÄT WIEN
<text><list-item></list-item></text>	18
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Demo: Source Feeder by $\mathbf{I}_{f}\mathbf{S}$	LESS technische universität wich
 QTool 2.0: Source Feeder, MSMQ Admin T About 3 times faster than Source Feeder of Further Information: http://www.ifs.tuwien.ac 	Teradata CoE
Msgs. sent: 10410 Approx. Msg. p Elapsed ms: 2124 Approx. Recs. p Timer Cal.: 0,09303 Max. Recs empty Delete GO1 Cal. EOJ1 Count Calibrated Timer	Message: 1 1 er Second: 4901 er Second: 4901
22.05.2002 IFS © 2002 RMB	19

Demo: MSMQ Manag	gement			IFS TU		
Management Console Snap-In, run: compmgmt.msc /s						
🛄 Computer Management						
Action Yiew						
Tree	Label Priority	Class	Size Message ID			
🛄 Computer Management (Local)	D:\Sales_Fact.csv 3	Normal	88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F	2}\276481		
😟 📆 System Tools	D:\Sales_Fact.csv 3	Normal	88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F	2}\276482		
🕀 🎬 Storage	D:\Sales_Fact.csv 3	Normal	88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F	2}\276483		
🖻 🌆 Services and Applications	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
E Telephony	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
I Microsoft SQL Servers	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
H- DNS	D:\Sales_Fact.csv 3 D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
Internet Information Services	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F 88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
🖃 🐋 Message Queuing	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F 88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
🗈 🕒 Outgoing Queues	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F 88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
🕀 💼 Public Queues	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F 88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
🖻 🦳 Private Queues	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
🕀 🛃 admin_queue\$	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
⊞ ∰ mqis_queue\$	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
ter - 2010 notify_queue\$ 	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
E - M Queue messages	D:\Sales_Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
🕀 🕅 Journal messages 🔳	D:\Sales Fact.csv 3		88 {B6D8EAF0-2EE5-49F2-8B80-A970F35CD1F			
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