

The new Citrix module of CMI Competence Units EDM/S

Erich Schwarz
Team Leader Technology Service
CU EDM/S
erich.schwarz@t-systems.de

T-Systems
debis Systemhaus Industry GmbH



Content



Motivation for using the ThinClient technology

Architecture with CMI and CATIA components

Technical aspects: components and dataflows

Advantages of the new Citrix CMI solution

Evaluation process guarantees success

Results

Motivation for using ThinClient technology



Bad performance in distributed systems (especially over WAN)

Extremely high costs in the integration of new remote locations

High costs for installation and administration efforts

Insufficient LAN-WAN components available

Decentralised Metaphase and CMI client installations raise operating costs

High expenses on underlying network due to network requirements of Metaphase + CMI

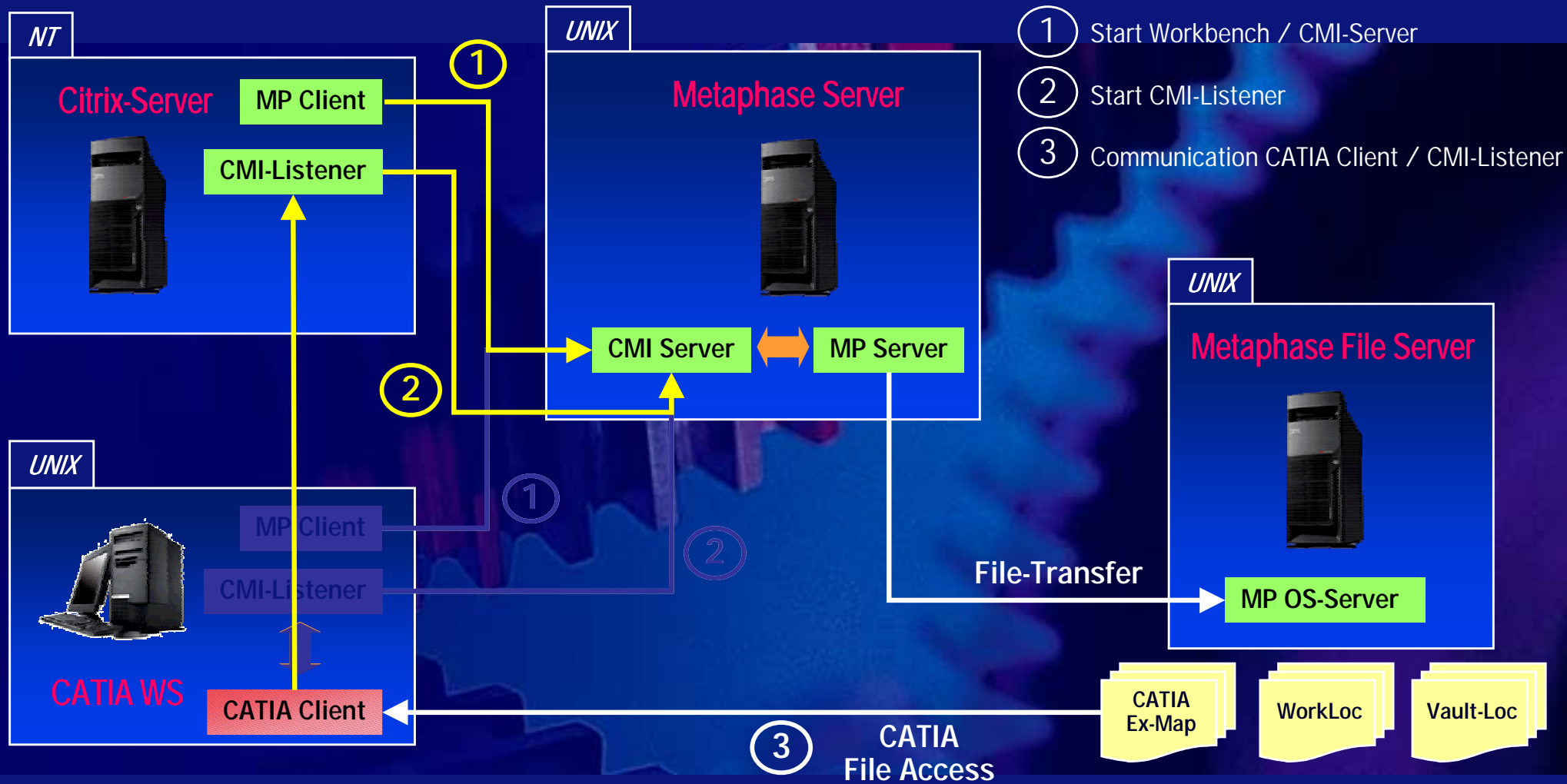
High expense in the release management of the application

Architecture with CMI& CATIA components

Basics



Technical aspects: components and dataflows ... with Citrix CMI



- 1 Start Workbench / CMI-Server
- 2 Start CMI-Listener
- 3 Communication CATIA Client / CMI-Listener

Advantages of CITRIX-CMI

Central installation and administration of the application (CMI)

No need of Metaphase and CMI Know-How on remote sites

Metaphase and CMI immediately available on all sites

Central maintenance of the application operating components

Need of minor system resources in File-/Proxy-Server

Good performance on all sites with minor requirements on the underlying network (bandwidth and latency)

Potential decoupling the Release-Management of CATIA (-Workstation) and PDM application

Evaluation process guarantees success

Planning the required infrastructure in TestLAB

Hardware, Software

Network, Site Distribution

CMI with new conception available

Installation

Compatibility checks

Configuration

Standard checks in usage



Benchmarking

Clear defined goals

Identify the categories

Identify the characteristic quantities

Definition of reference benchmark

Running the benchmark

Reconfig

Operating manual



Results



ThinClient technology with a great future

Acknowledgements from the IT market-place

Evaluation processes ensures stability and performance in operating with the Citrix CMI component

Know How in application and technology guarantees success