UnifIN Opportunity Roadshow

.Telecomm UnifIN - a UnifINed framework for creating IN services fast and reliable

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Company Introduction

- BDD Competences
  - Performance and Reliability Engineering
  - Telecommunications and Data Network Diagnostics
  - Software Development for Telephony, Data Networking and Client Server Applications
  - Call Centre Expertise

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Company Introduction

- BDD History
  - founded 1988, privately owned
  - cooperation with
    - Cisco 1992
    - AT&T 1993 - 1996
    - Lucent Technologies 1996 - 2000
    - Aspect Communications 2000 - today
    - Telesoft Technologies 1994 - today

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Company Introduction

- BDD Reference Snapshot
  - Mobilkom Austria
  - Hutchison 3G
  - Lucent Technologies
  - Hewlett Packard
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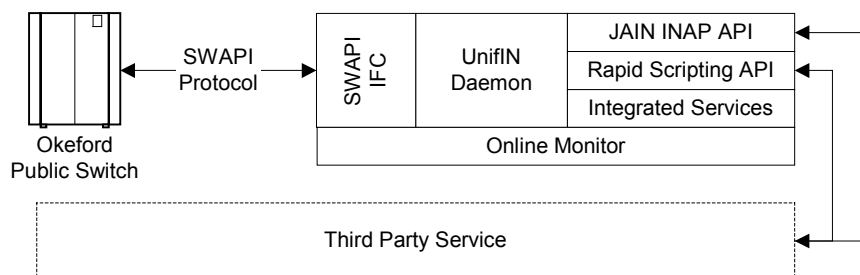
UnifIN Targets

- Provide an integration framework for IN services
- Standard based interface for NGNs: JAIN INAP
- Rapid Prototyping interface for accelerated service development & deployment
- Daemon included - no separate run time engines
- Debugging environment integrated - no further network diagnostic tools required during development
- Online monitoring capability

UnifIN Architecture

	SWAPI IFC	UnifIN Daemon	JAIN INAP API
			Rapid Scripting API
			Integrated Services

SWAPI Protocol

Okeford Public Switch

Online Monitor

Third Party Service

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UnifIN Architecture

- JAIN INAP API shall provide
    - an API according to Sun's JAIN INAP 1.0 specification by acting as service provider interface
    - the flexibility to work with common JAIN and JAVA components (e.g. JDBC for database connections)

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UnifIN Architecture

- Rapid Scripting API shall provide
    - a common scripting interface enhanced by easy-to-use IN components
    - the possibility for rapid prototyping of IN services
- Integrated Services
    - based on the internal element-chain structure of UnifIN allowing for factory integrated services

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UnifIN Architecture

- Online monitor allows for
  - real time alteration of system and user level parameters
  - online monitoring of system relevant information
  - debugging during the development process
  - maintenance activities

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UnifIN Architecture

- UnifIN Daemon as backbone to the architecture provides
  - consistent state handling
  - enhanced failure management
  - service execution
- SWAPI Interface
  - connects to a public network switch of Telesoft Technologies' Okeford product range

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UnifIN Screenshots

UnifIN Screenshots

Thank You !

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