



Centre for
Telematics and
Information
Technology

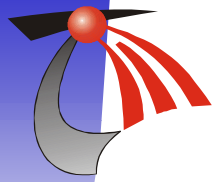


University of Twente
The Netherlands

ACCOUNTING WORKSHOP

GigaABP & Internet Next generation

22 JUNE 2001
ENSCHEDA



AGENDA

10.30 Welcome (Aiko Pras)

10.35 Introduction Internet NG (Aiko Pras)

10.45 Introduction GigaABP (Sander Hille)

11.00 Introduction & demonstration GigaABP 'ABP-server' (Martin Wibbels/Andrew Tokmakoff)

12.00 Metering of traffic flows (Remco Poortinga)

12.20 Lunch - Bastille

13.30 Provider based accounting (Robert Parhonyi)

14.30 Accounting architectures supporting user mobility (Minh Van Le, Ruben Marsman)

14.50 Functional Architecture for service exploitation (Henk Jonkers)

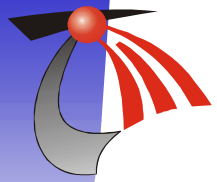
15.30 Payment and the Dutch payment infrastructure (Sander Hille)

16.15 Jalda Demo (Andrew Tokmakoff)

16.30 Mapping of User Selected QoS to RSVP and Diffserv Attribute (Paulus Karremans)

16.50 Wrap-up/discussie

ca. 17.30 End



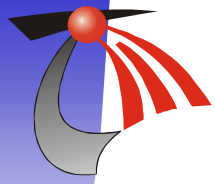
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ROLL CALL

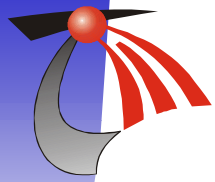
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THE INTERNET NEXT GENERATION PROJECT

<http://ing.ctit.utwente.nl/>

KEY FIGURES
GOALS
RESEARCH TOPICS
ACCOUNTING SPECIFIC RESEARCH



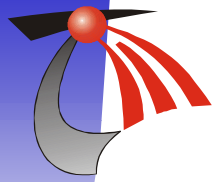
KEY FIGURES

START: 1-1-1999

DURATION: 4 YEARS

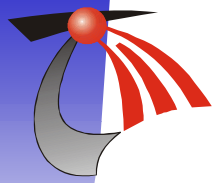
PARTNERS:

- **CTIT**
- **ERICSSON EUROLAB NETHERLANDS**
- **TELEMATICS INSTITUTE - CENTRAL ORGANIZATION**
 - **KPN RESEARCH**
- **COSTS 2001: 2.5 MEURO (CTIT: 0.8 MEURO)**
 - **FTE 2001: 21 (CTIT: 7.5)**



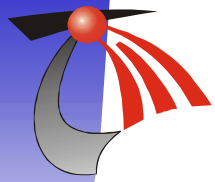
PROJECT GOALS

- **INCREASE DUTCH CONTRIBUTION TO THE INTERNATIONAL DEVELOPMENT OF NEW INTERNET TECHNOLOGIES**
 - **INTERNET-2, IETF, IRTF**
- **KNOWLEDGE CENTER WITHIN THE NETHERLANDS**
- **WEB SITE(S), TUTORIALS, ONLINE TRAINING MATERIAL, ANTC & ETB**



RESEARCH SUBJECT

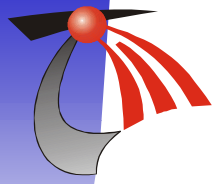
- **PROVISION OF QUALITY OF SERVICE IN THE INTERNET**
 - **IN CORE NETWORKS (WU3)**
 - **IN ACCESS NETWORKS (WU4)**
 - **INTRODUCE ACCOUNTING (WU5)**
- **IMPROVE MANAGEMENT ARCHITECTURE (WU2)**



WORK UNIT 5

INTERNET ACCOUNTING

- **PROVIDER BASED ACCOUNTING (PBA)**
Cyclic approach: mobility, security, QoS
- **MEASUREMENTS AND VISUALIZATION
OF TRAFFIC FLOWS**



APPROACH

