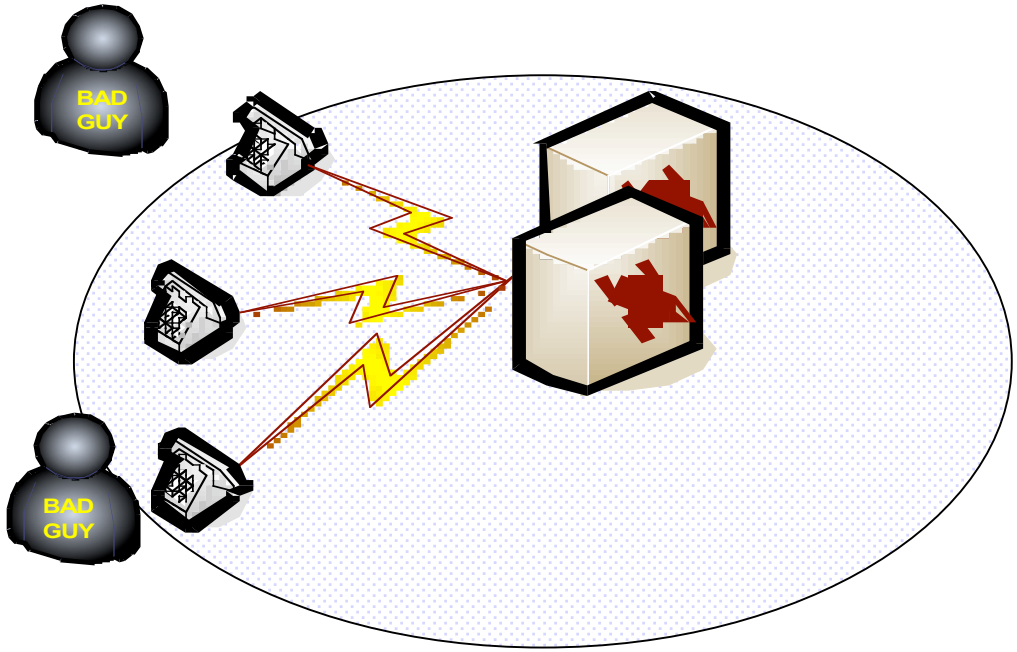
ATIS systems GmbH

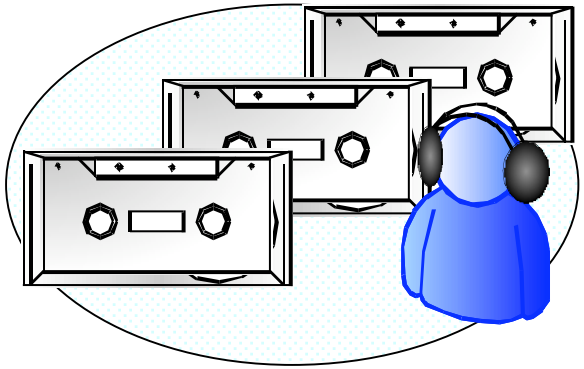
National LI Systems

Dubai, February 2007

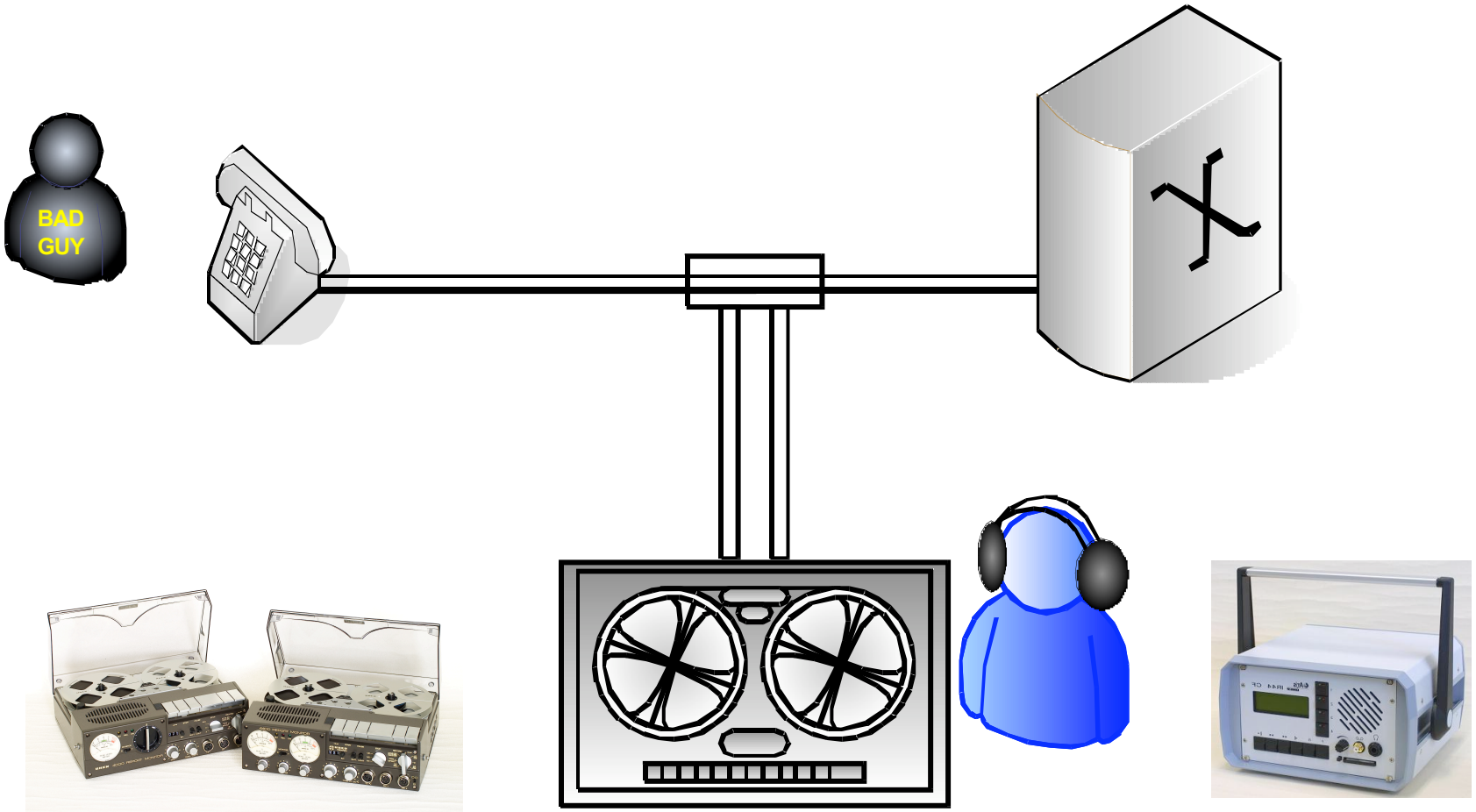
History – Stating the Obvious

History

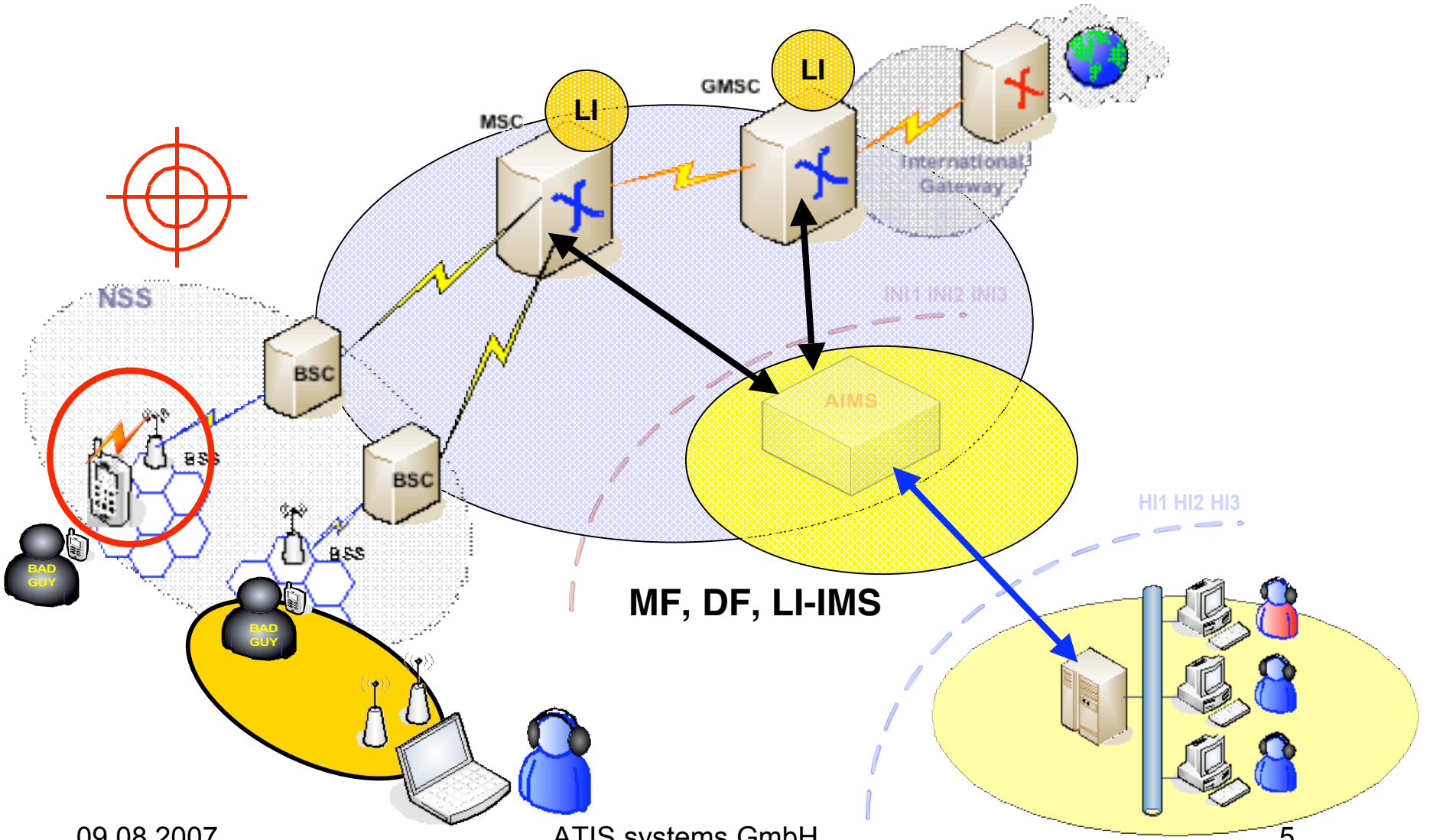




Wiretapping – the good old way...

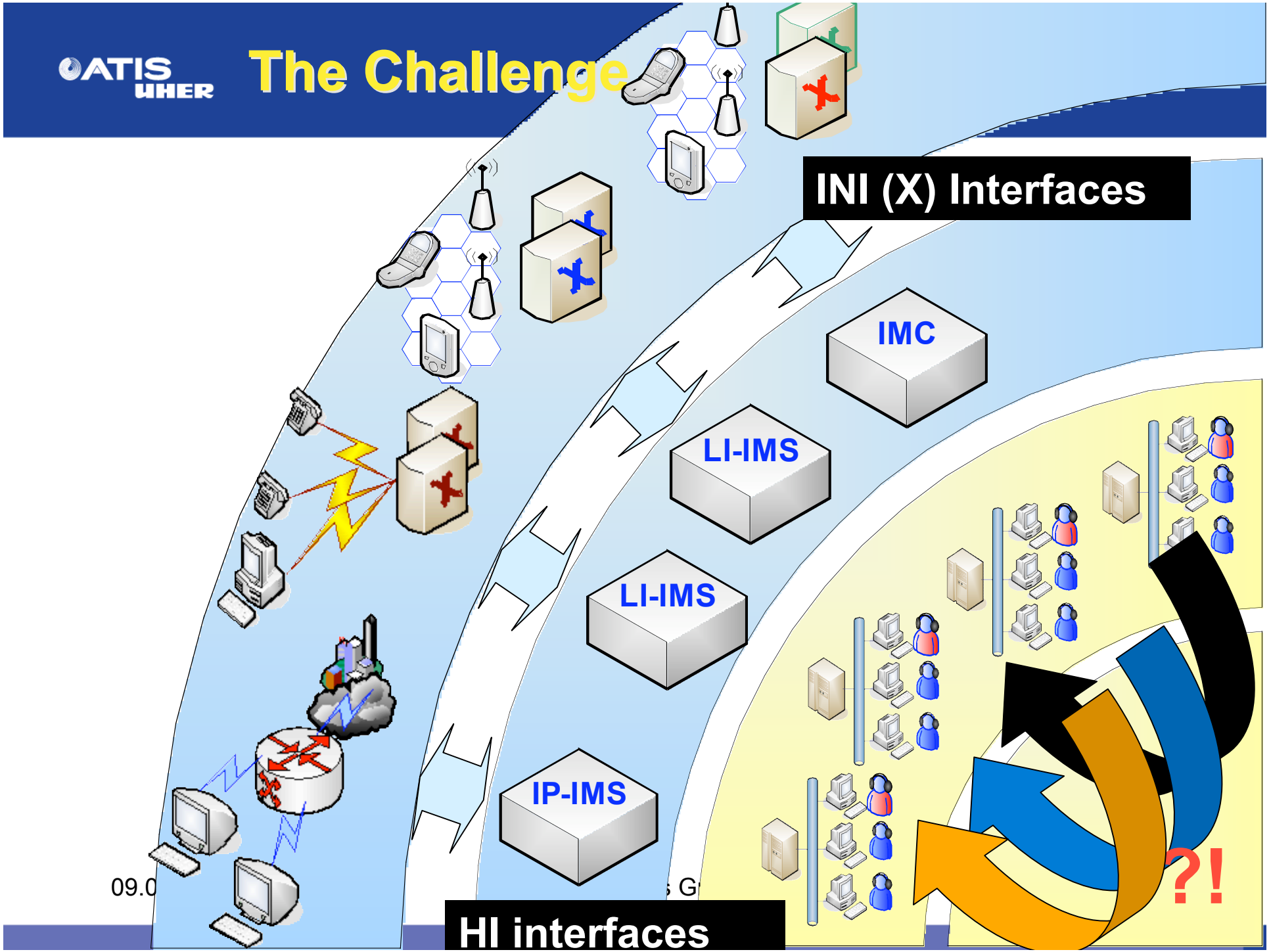


GSM!!!


LI
GMSC
LI
MSC
International Gateway
INI1 INI2 INI3
NSS
BSC
BSC
BSS
BSS
AIMS
BAD GUY
BAD GUY
HI1 HI2 HI3
MF, DF, LI-IMS

The Challenge

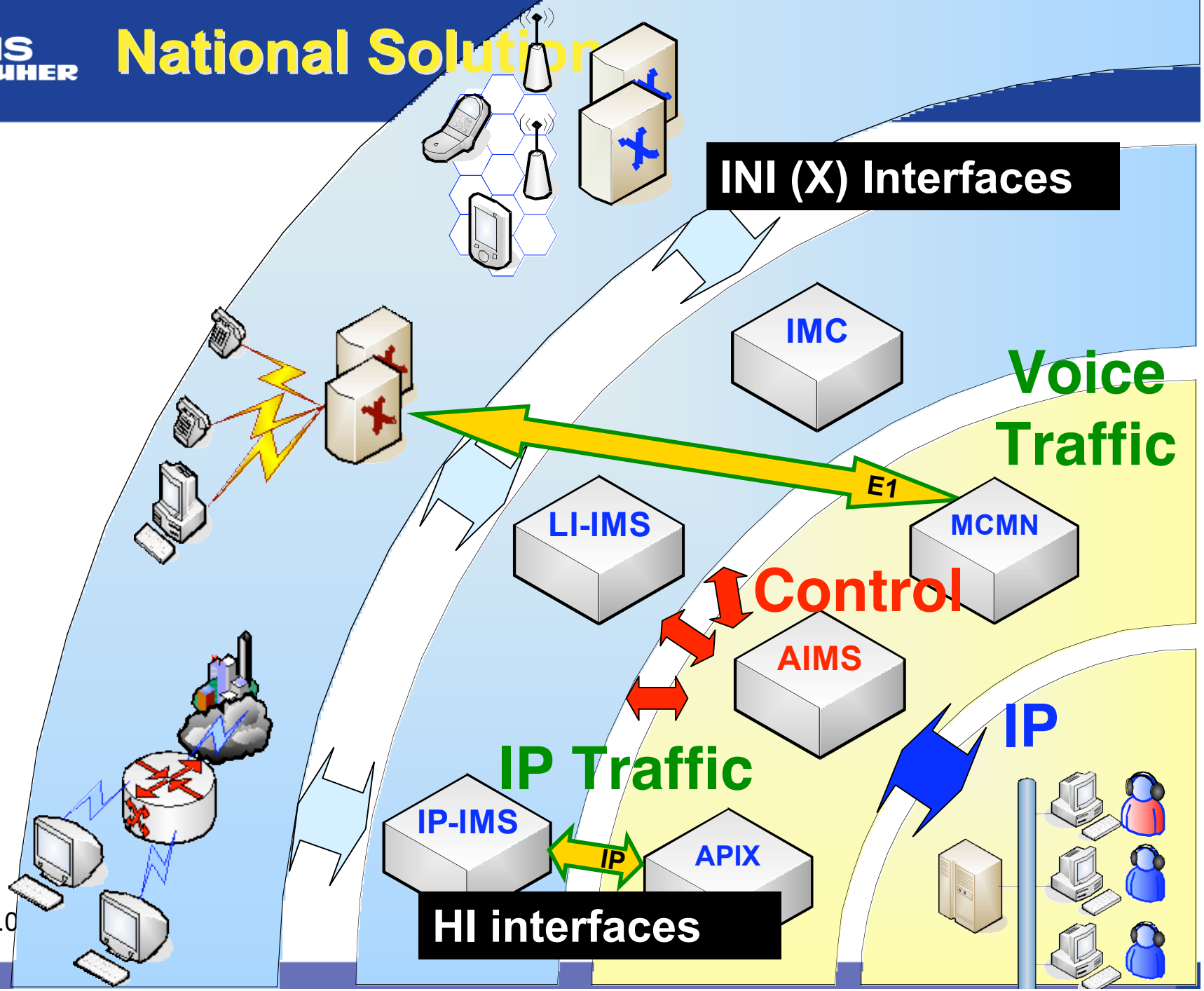
The Challenge



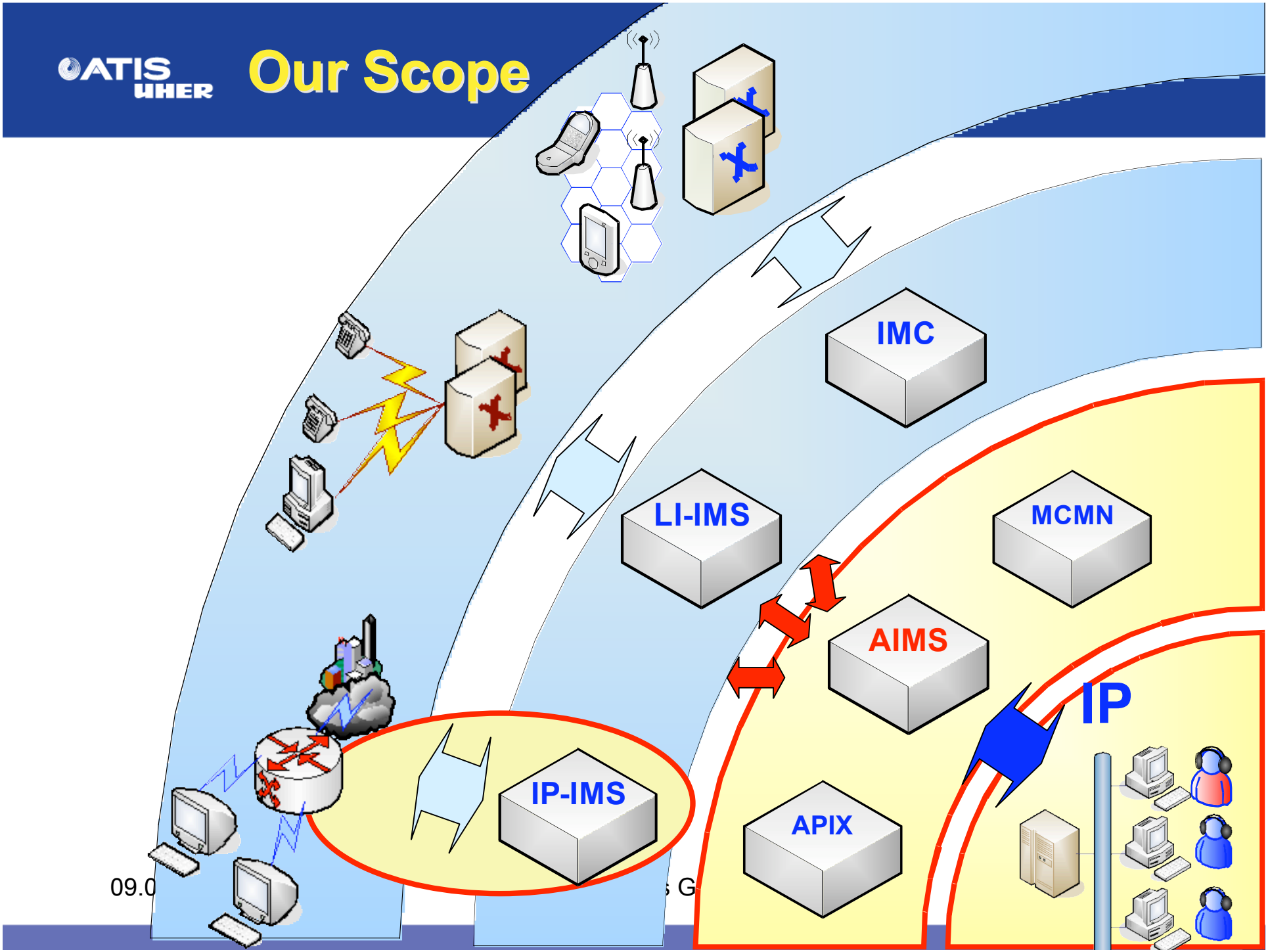
The Solution

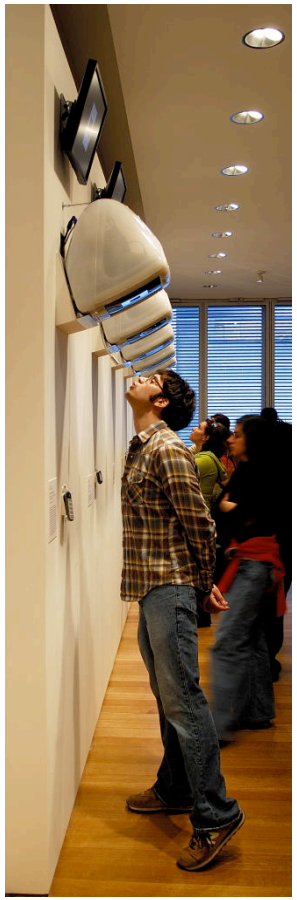
Where to go from here?

National Solution



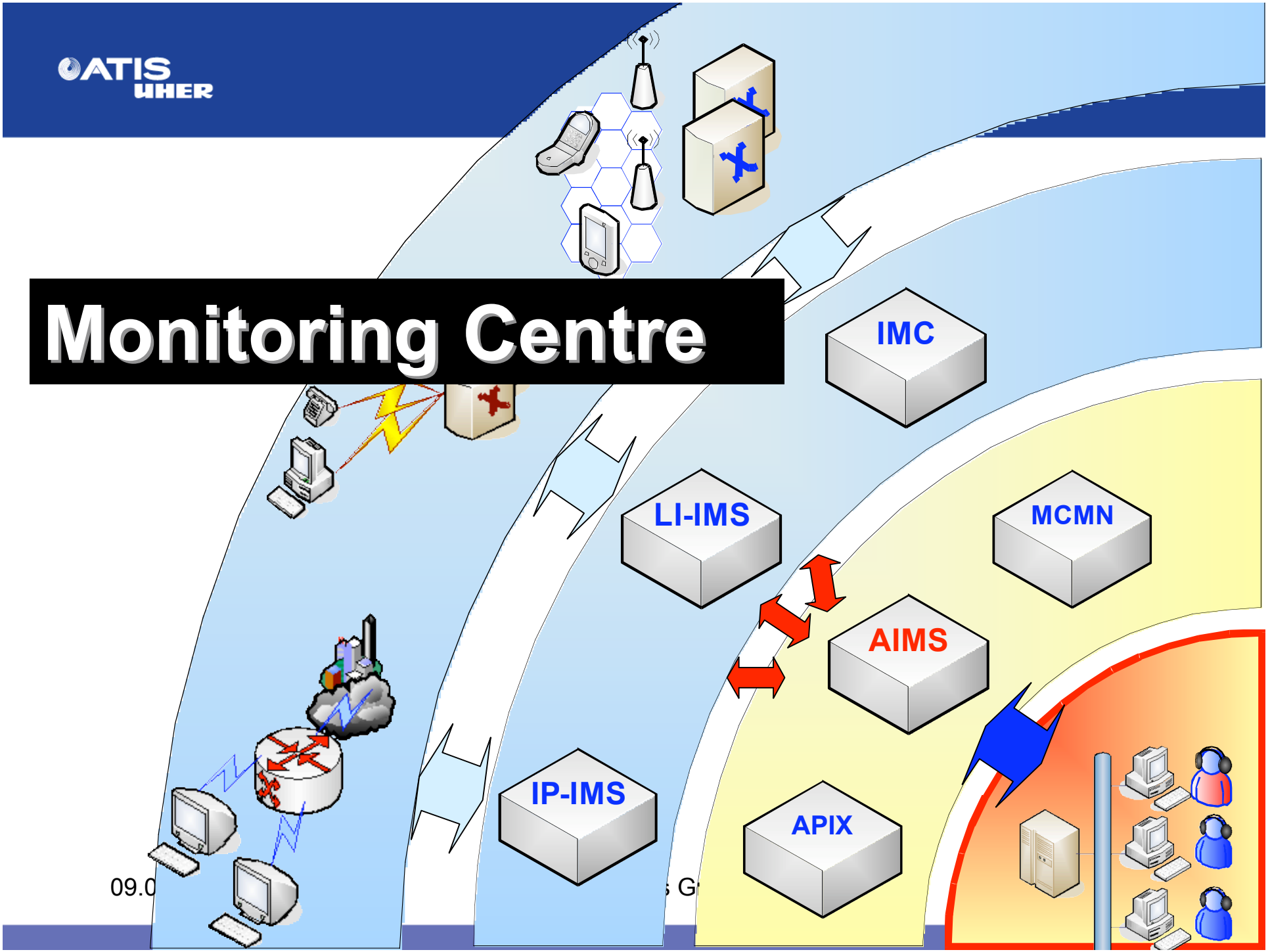
Our Scope



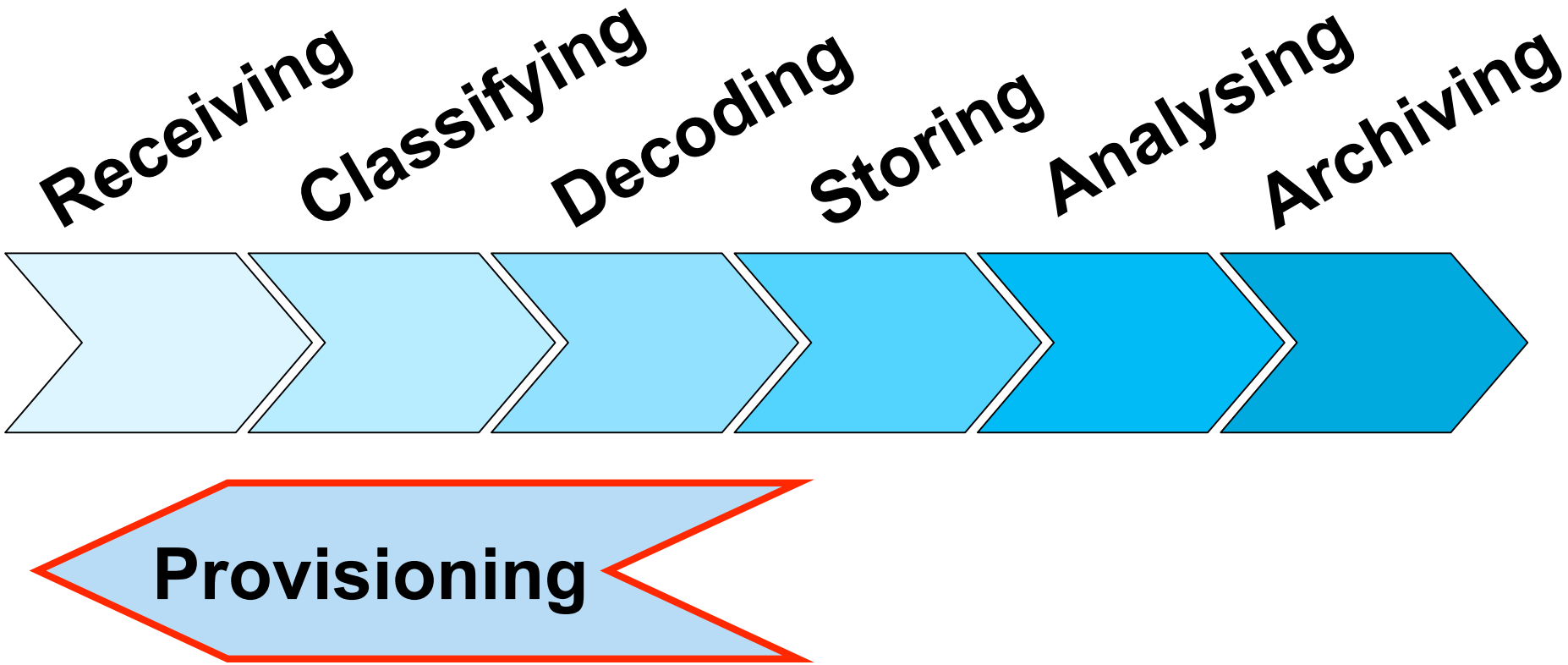


A Closer Look

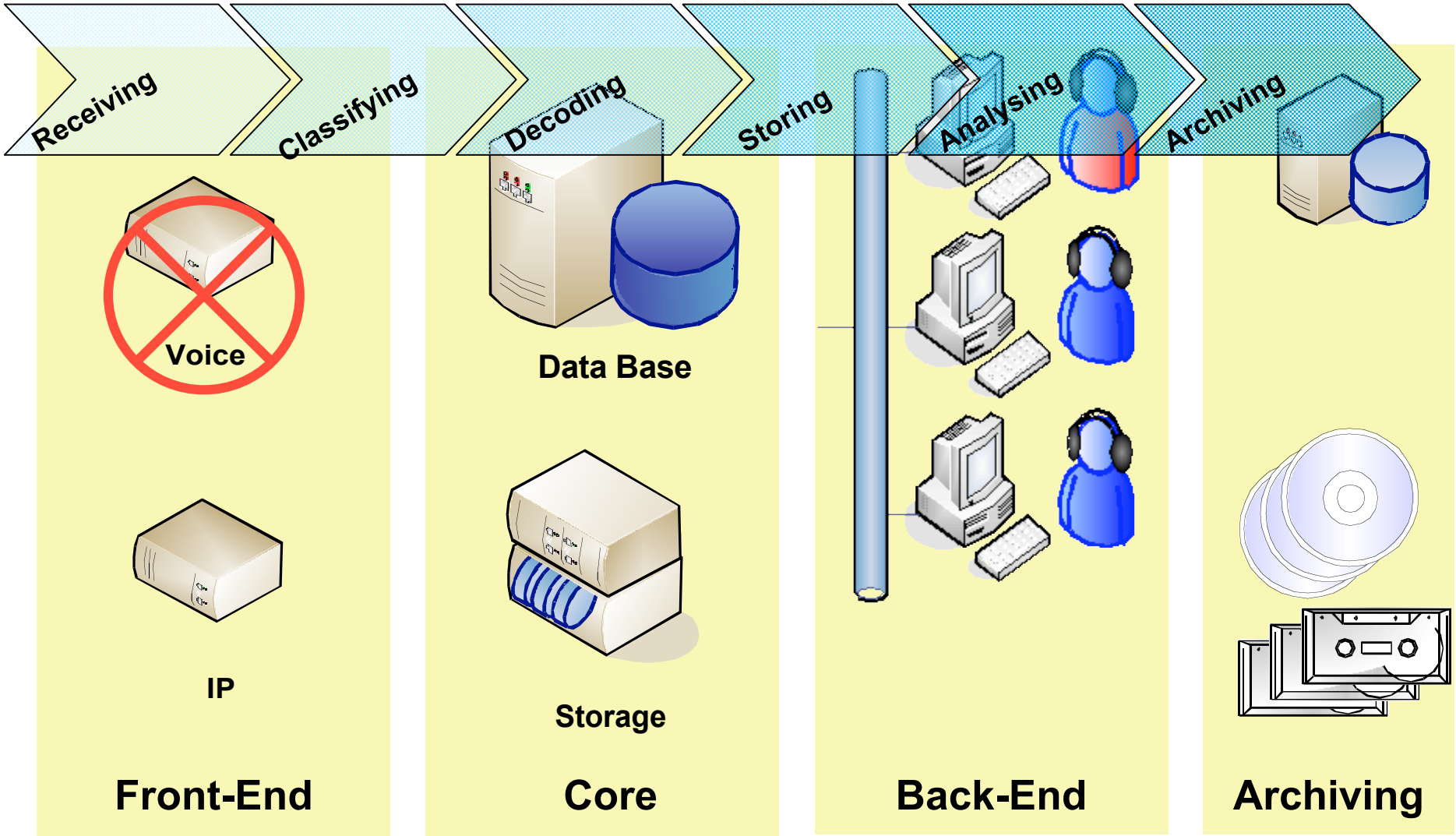
Monitoring Centre



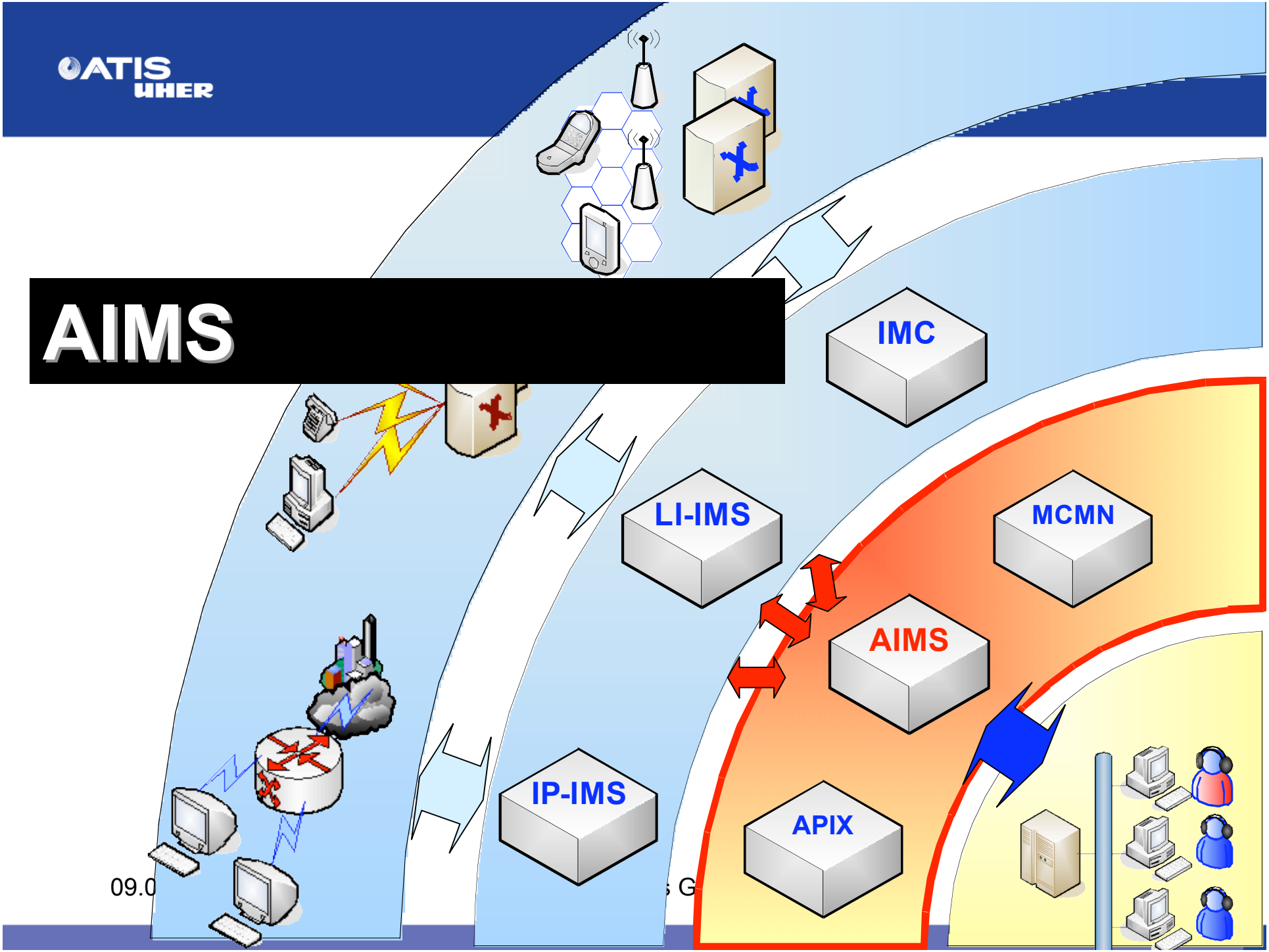
A simplified monitoring workflow...



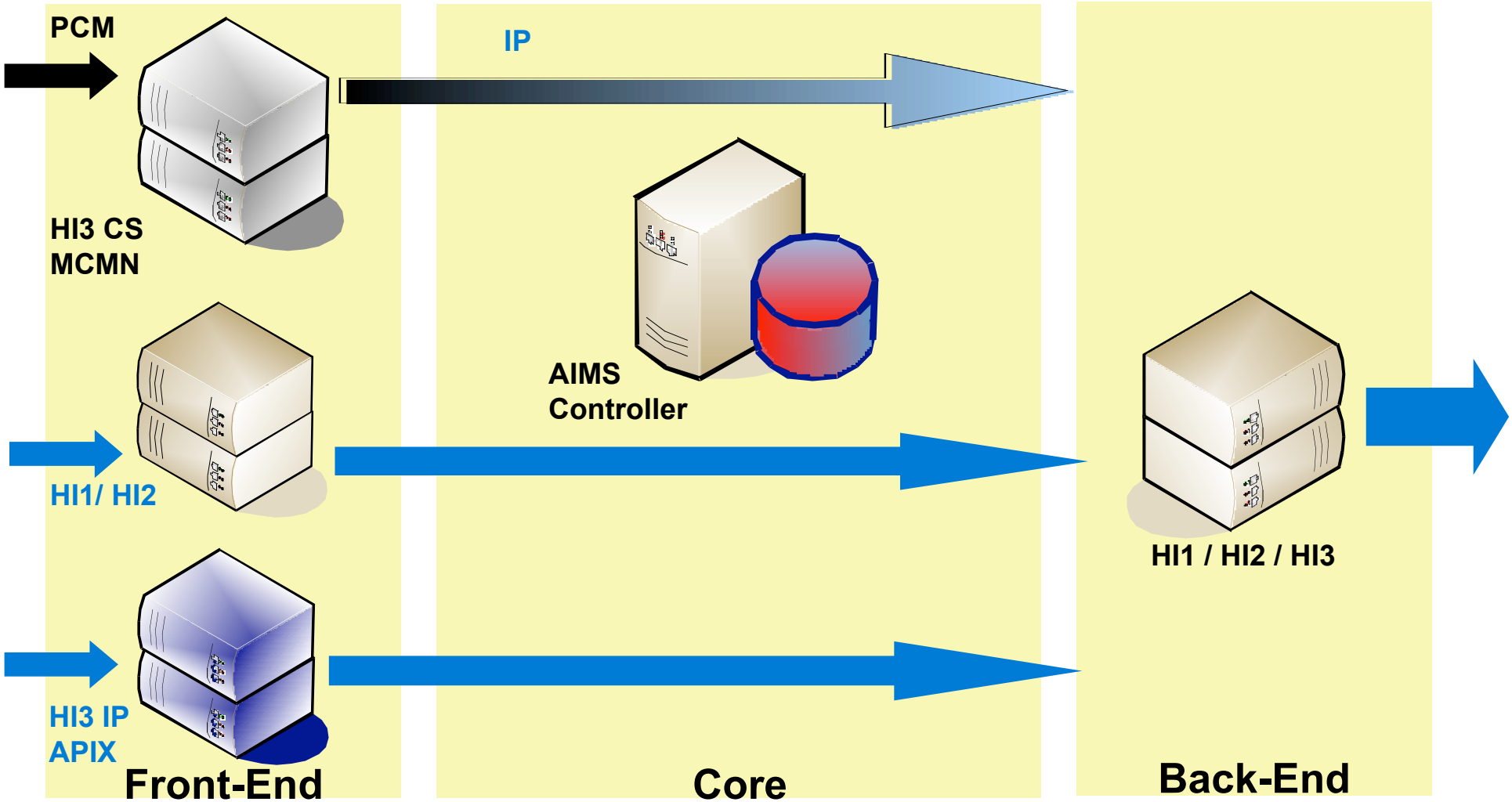
KLARIOS main components



AIMS



AIMS main components



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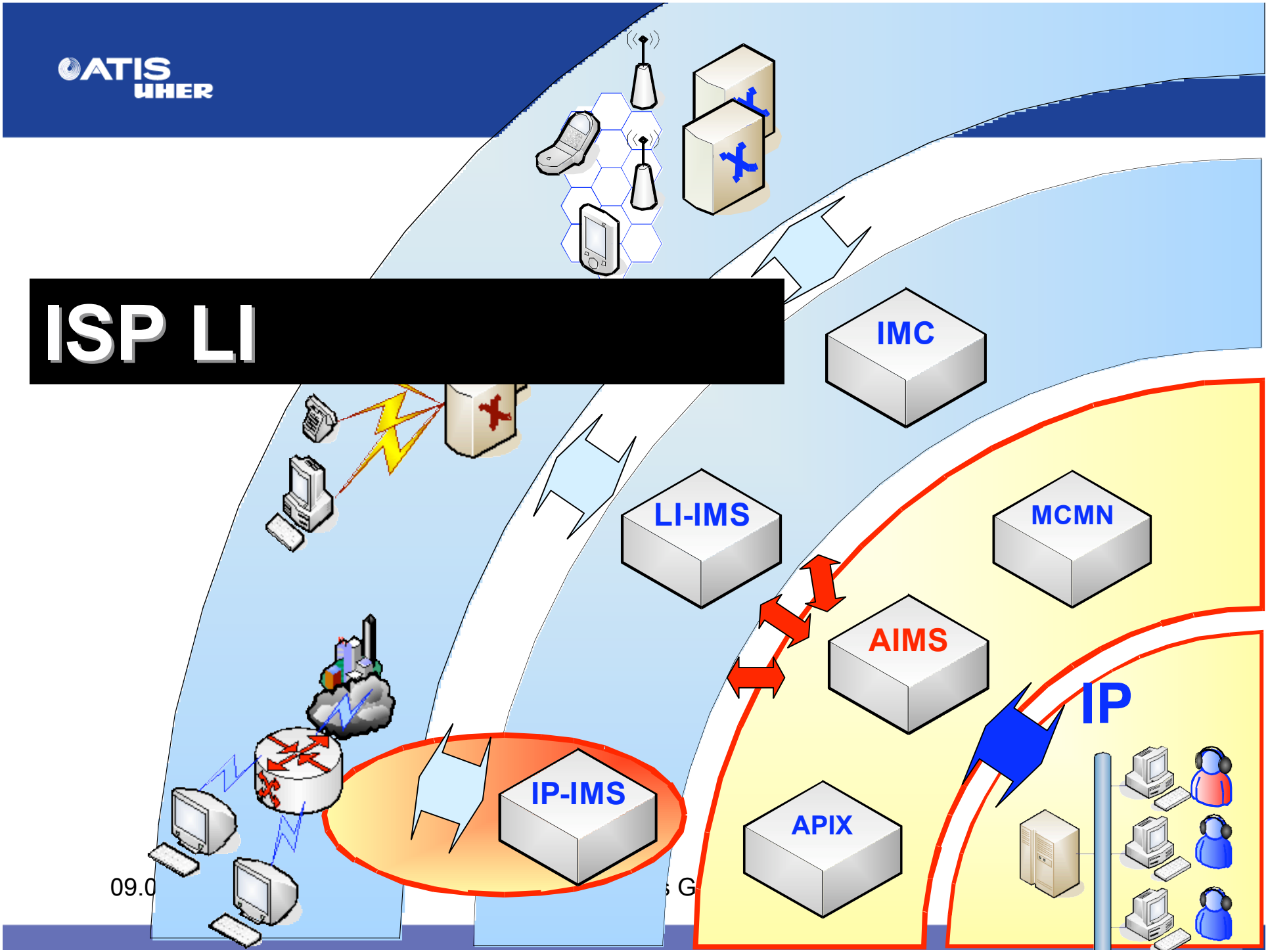
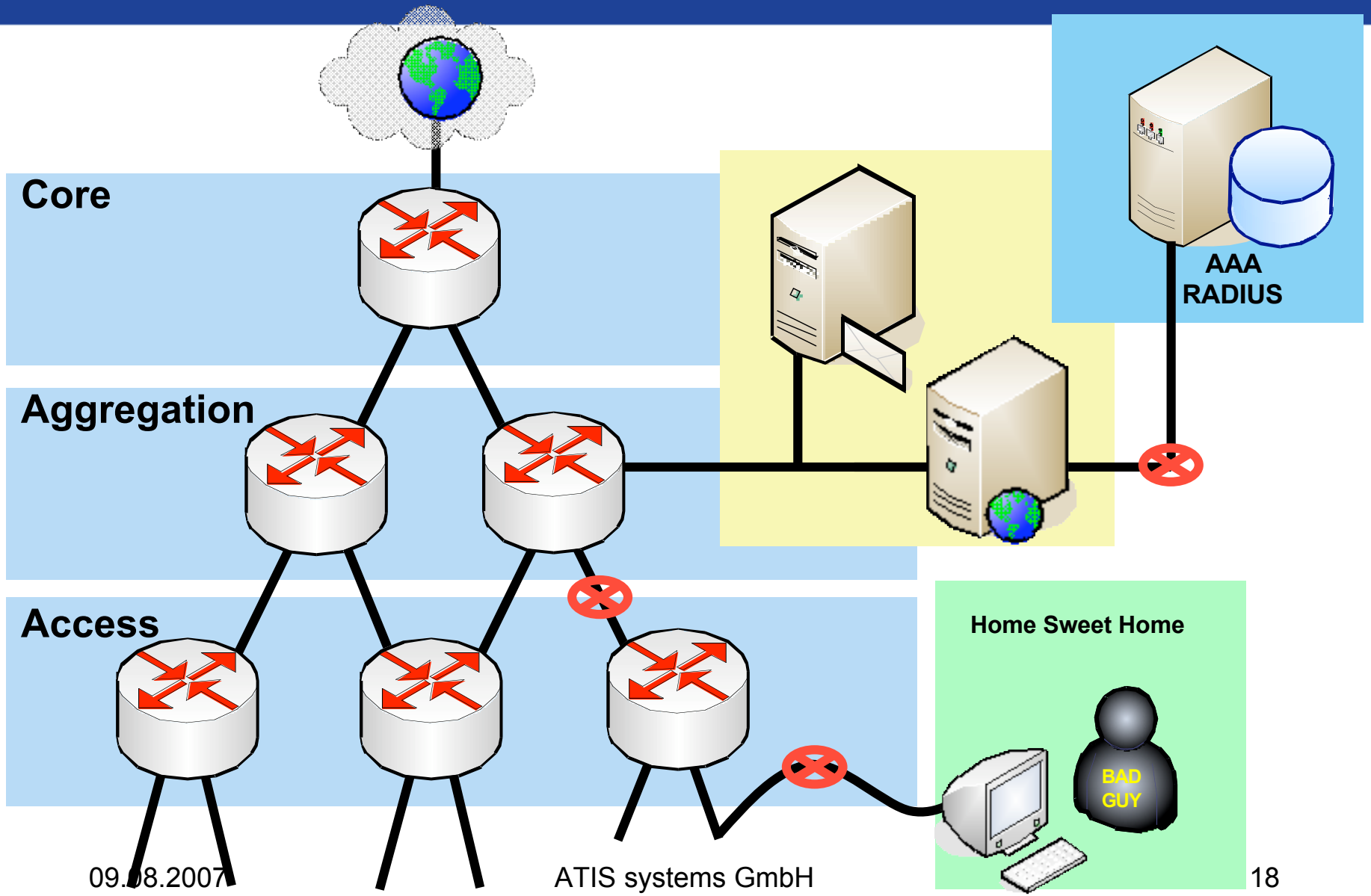
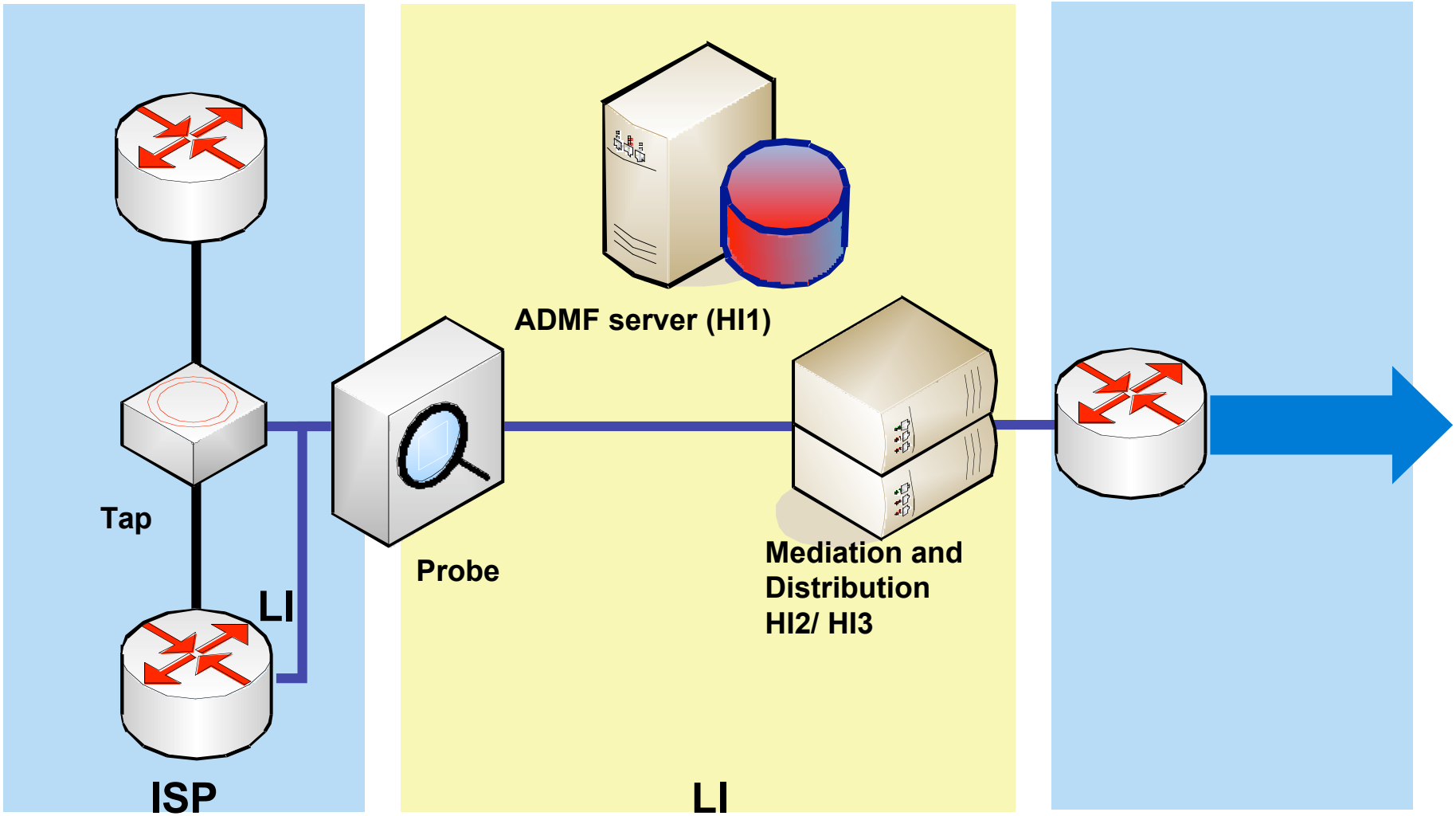
ISP LI



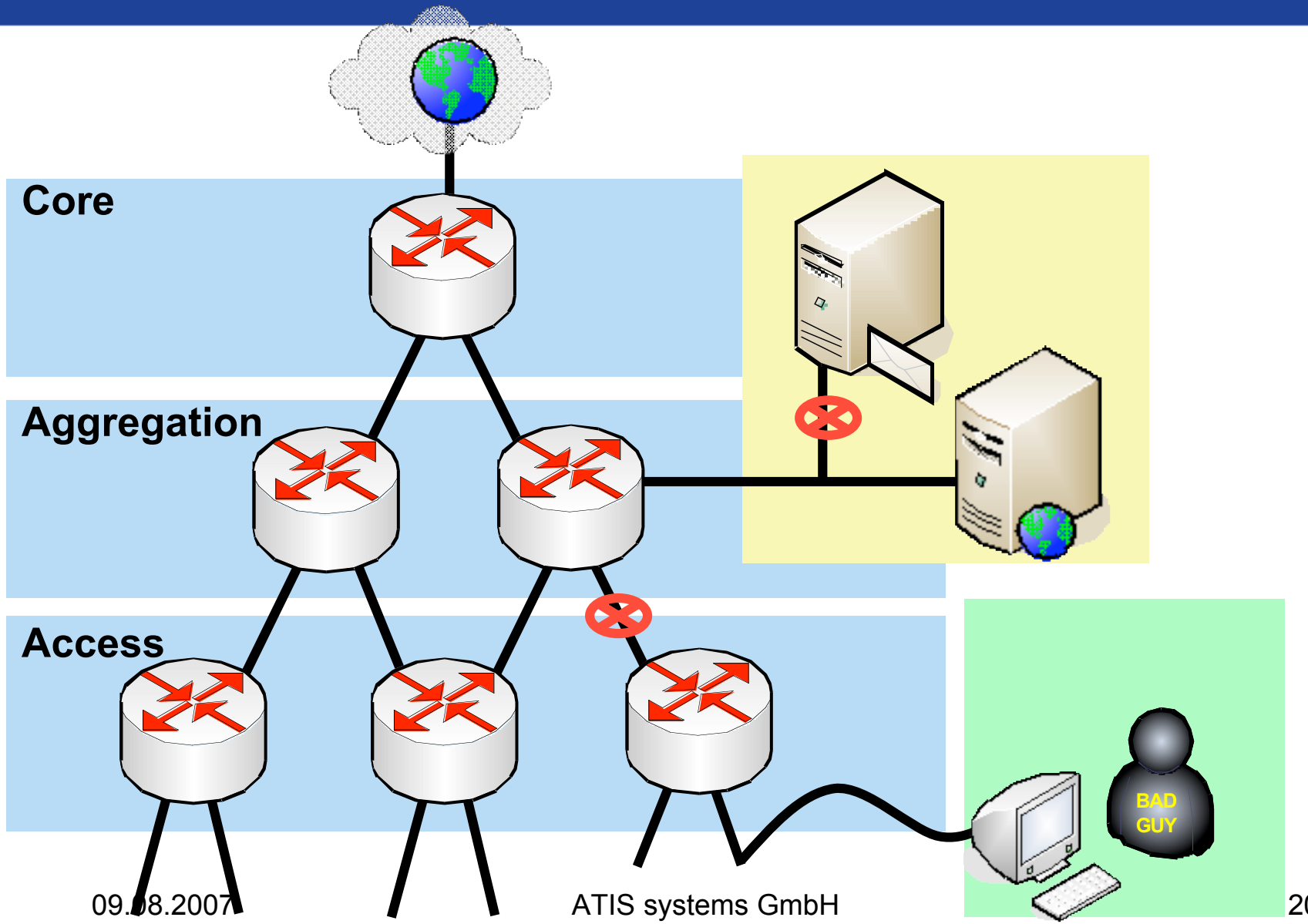
ISP LI



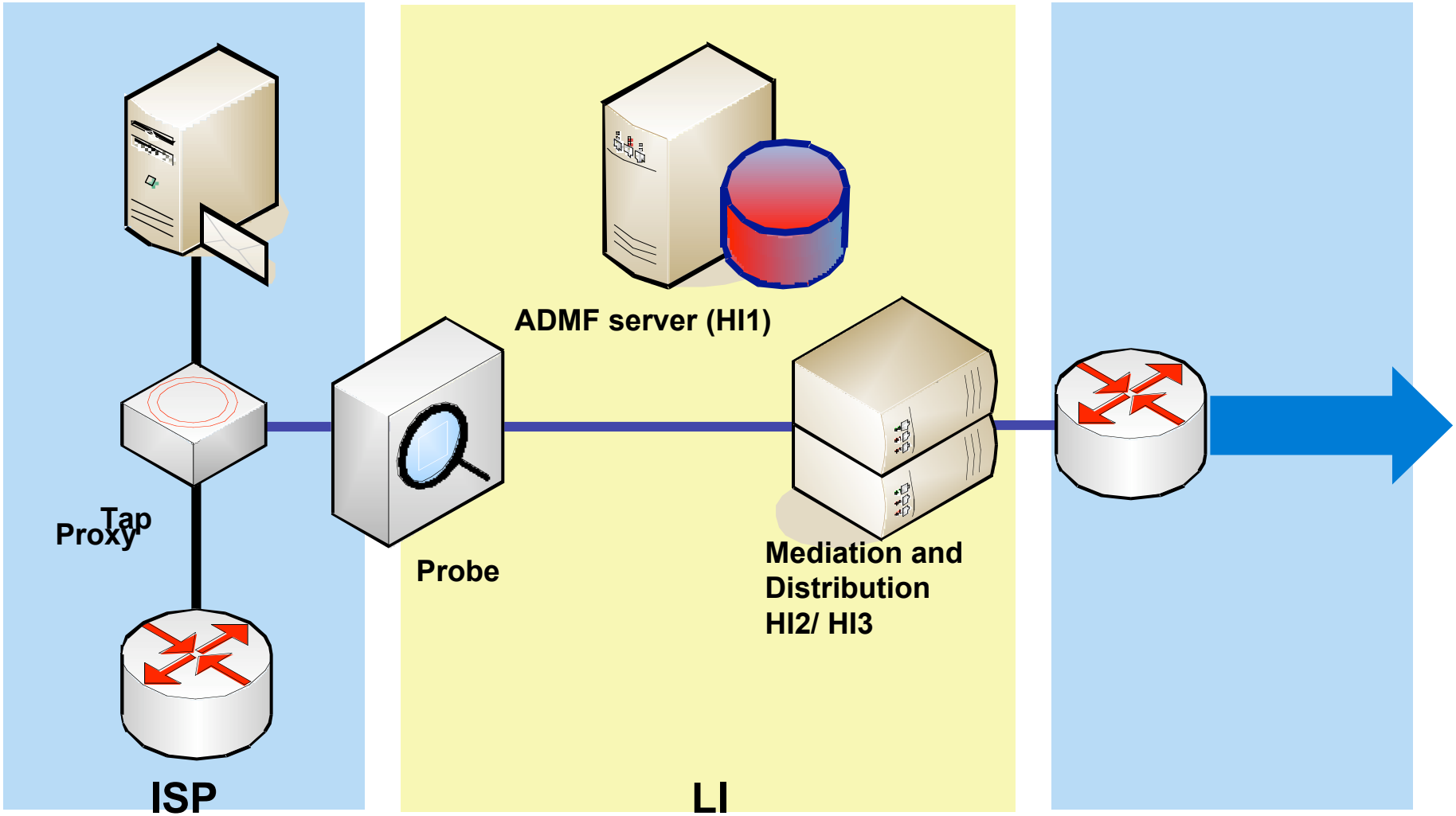
AIMS-IP Target Monitoring



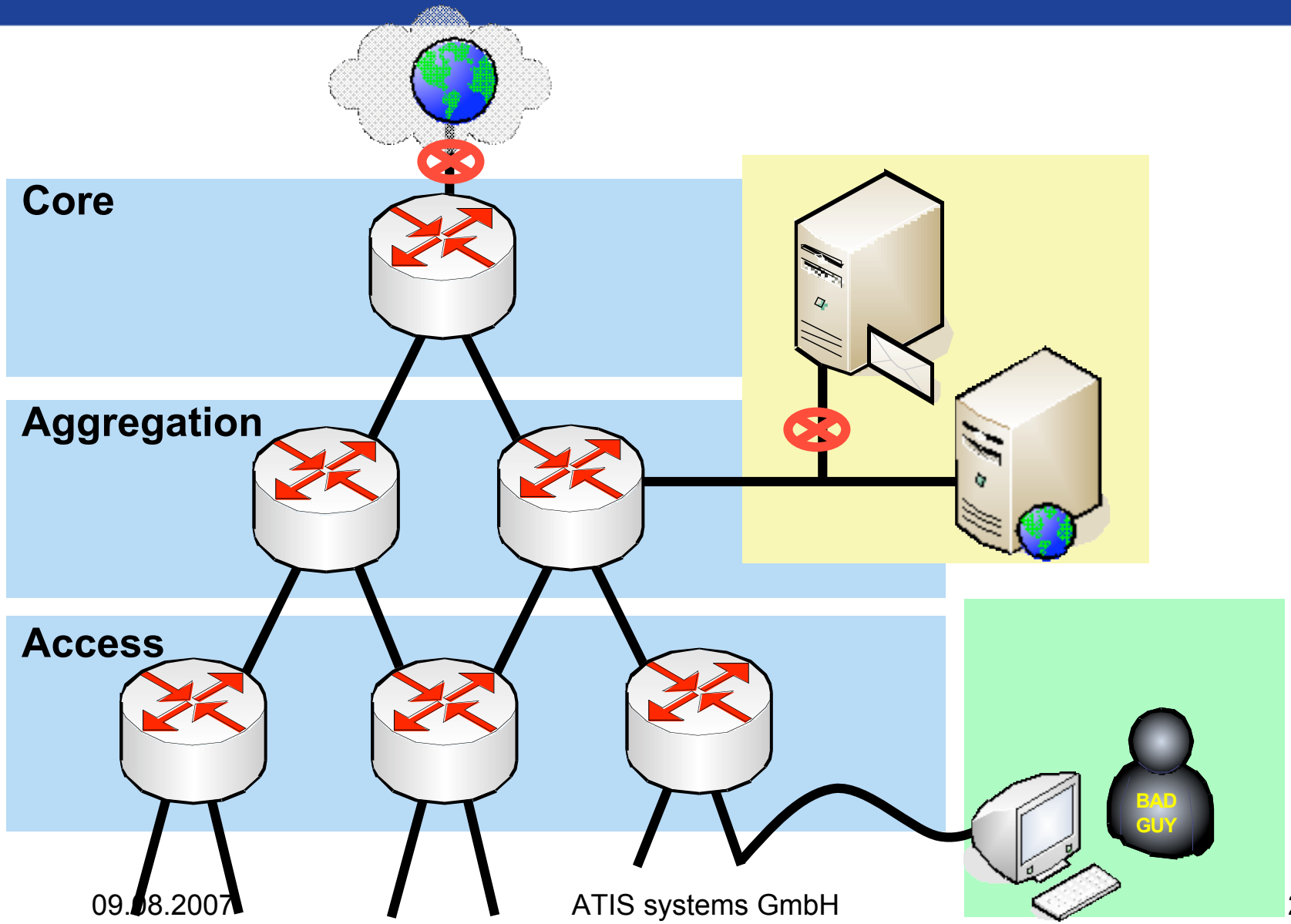
ISP LI



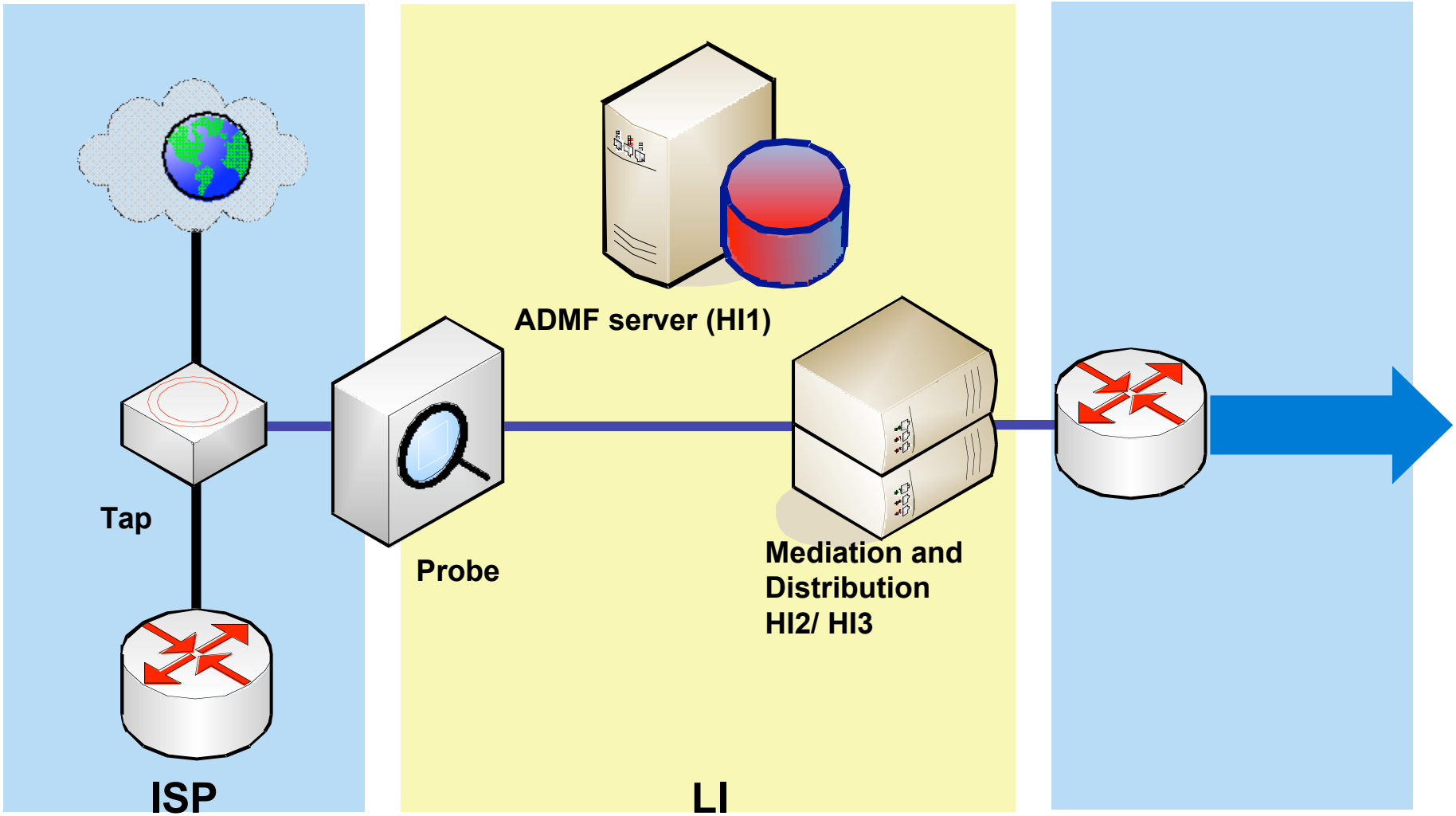
AIMS-IP Application Monitoring



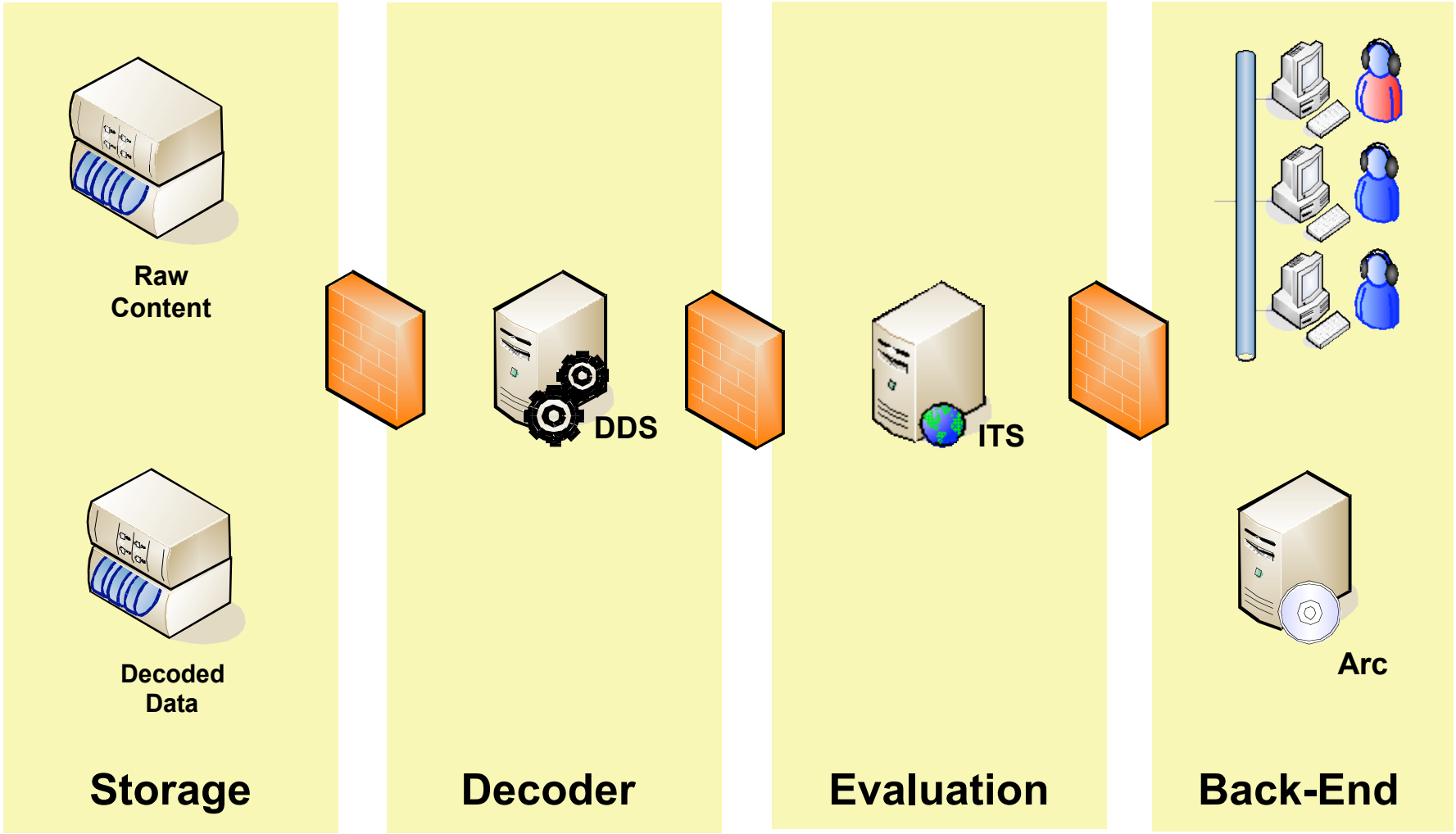
ISP LI



AIMS IP – Backbone Monitoring



KLARIOS IDEC components



IP MC Content Presentation

HTTP/1.1 200 OK

...

Content-Type: **text/html**

<HTML><HEAD><TITLE>Google</TITLE>

...

<TABLE cellSpacing=0 cellPadding=0 width="100%" border=0>

...

alt=Google src="**Google-Dateien/logo.gif**"

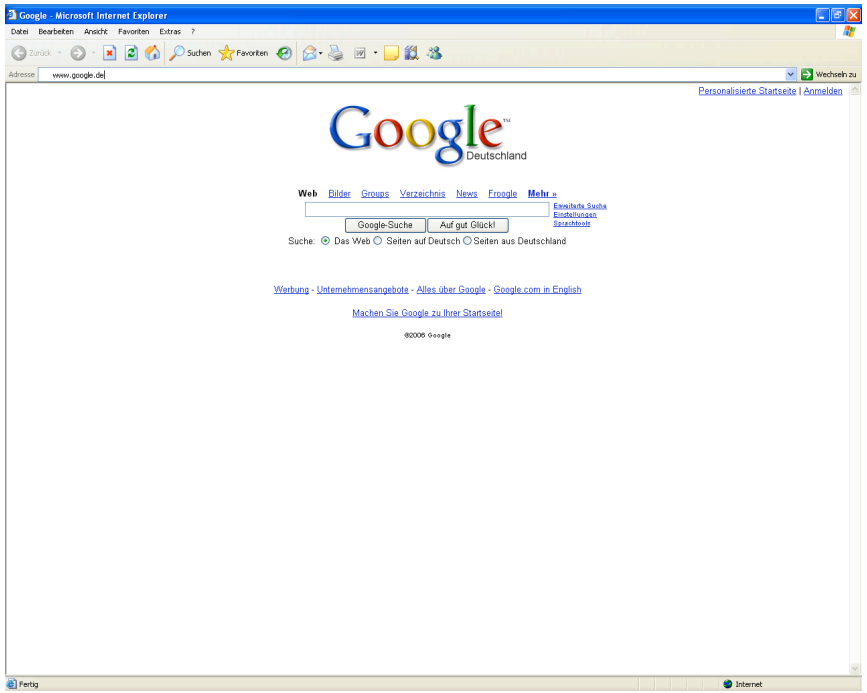
...

HTTP/1.1 200 OK

...

Content-Type: **image/gif**

logo.gif



Klarios Internet Session Viewer

Search / navigate

Display –secure and chronological

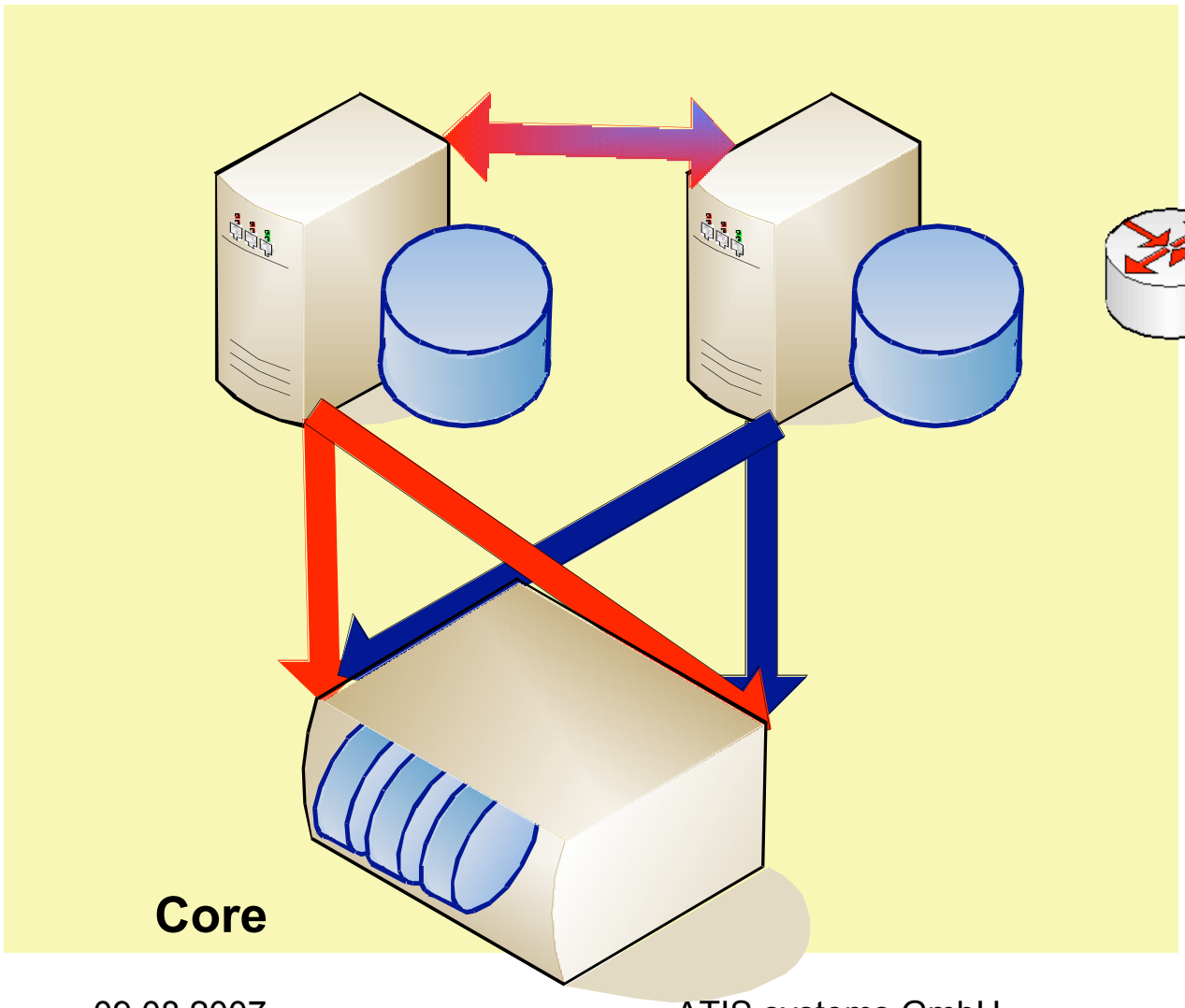
Classify

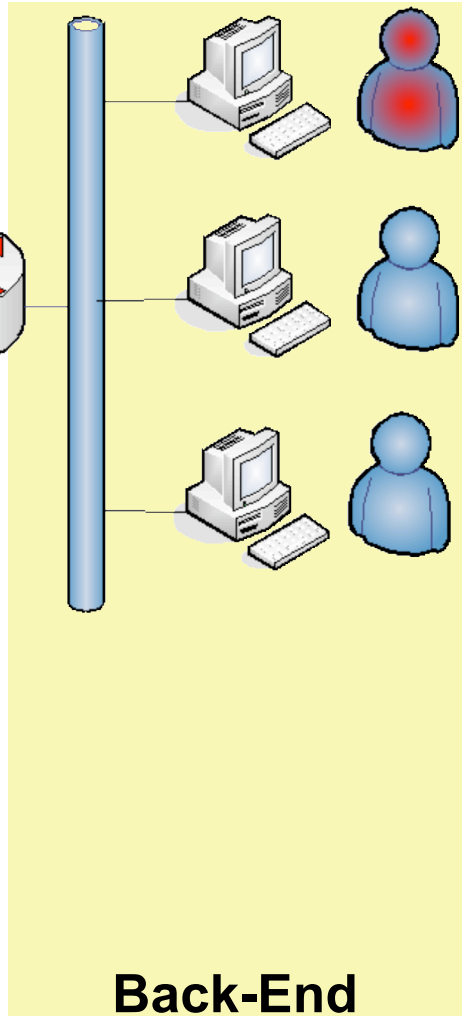
Comment

09.08.2007

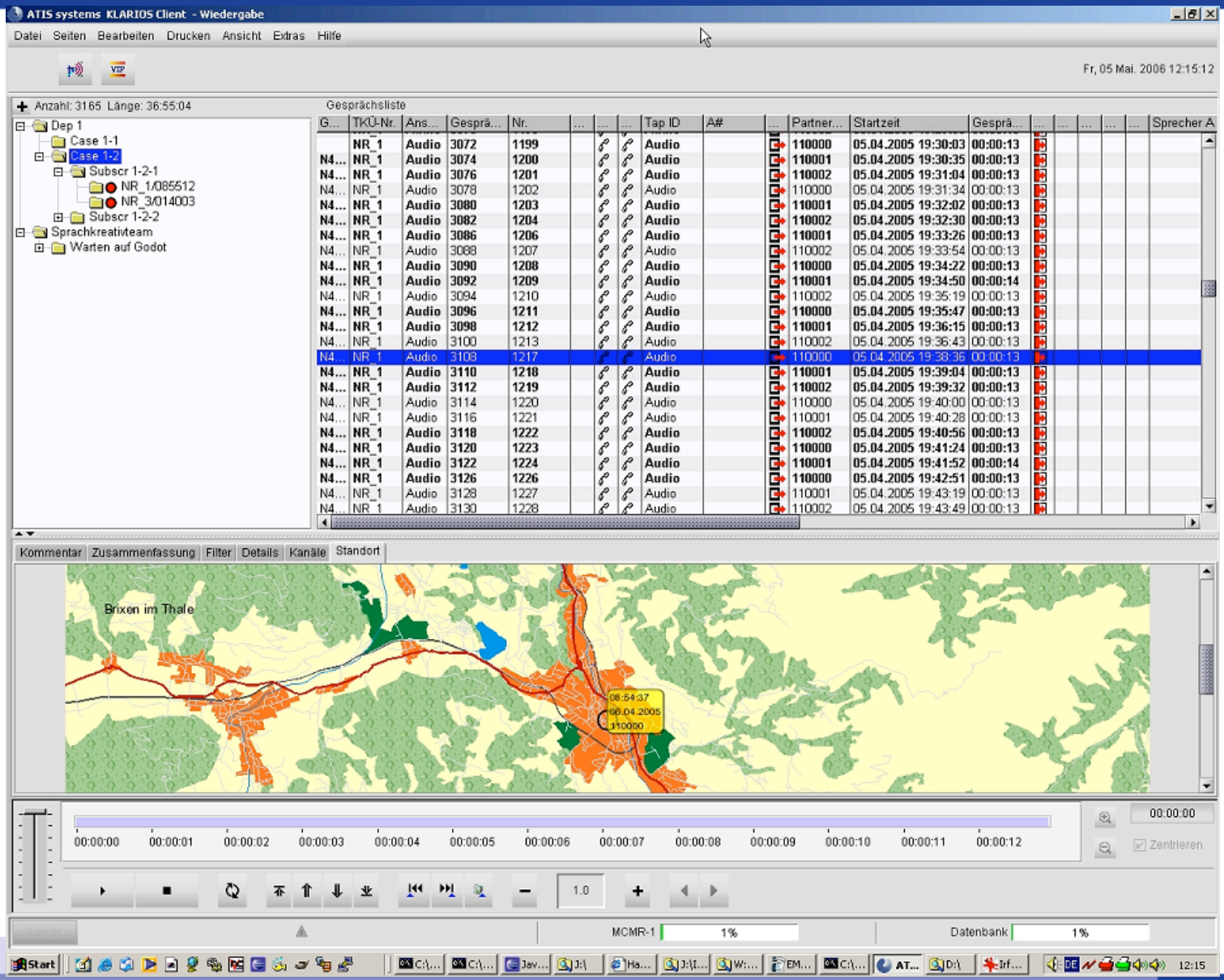
Add-Ons
One Step Further

AIMS CDBS Cluster

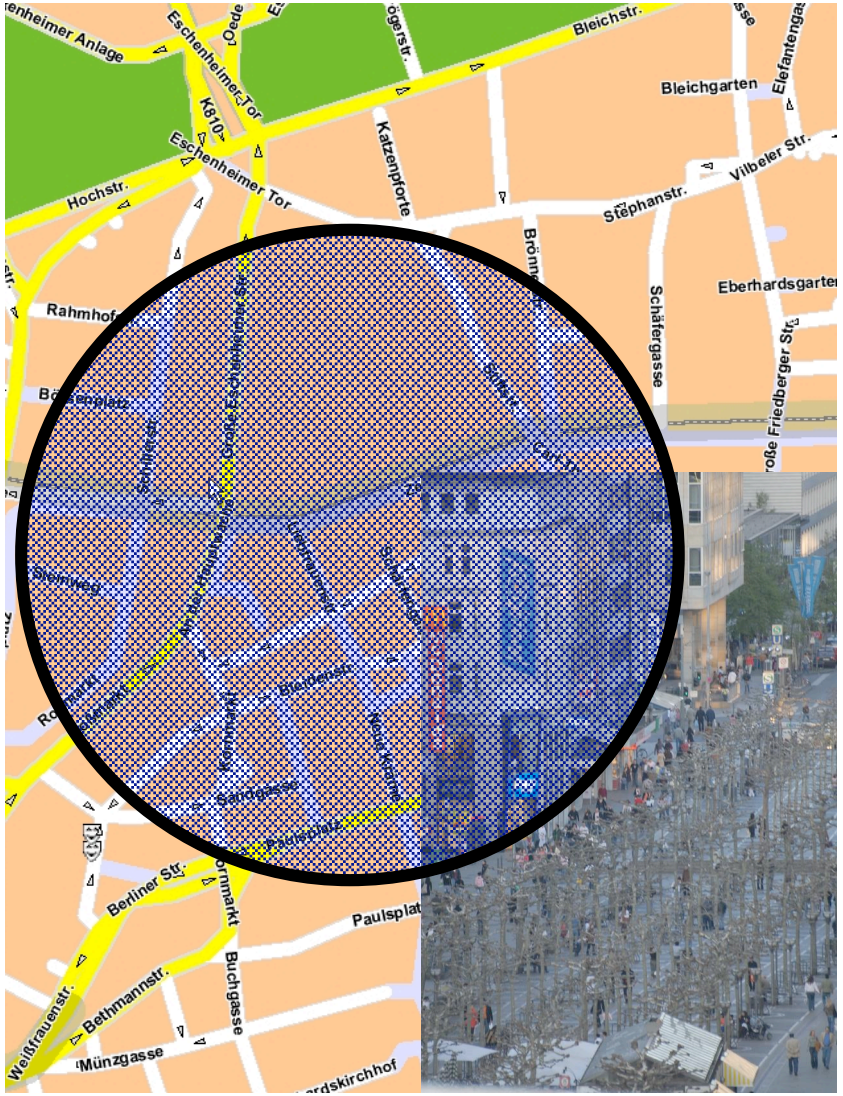


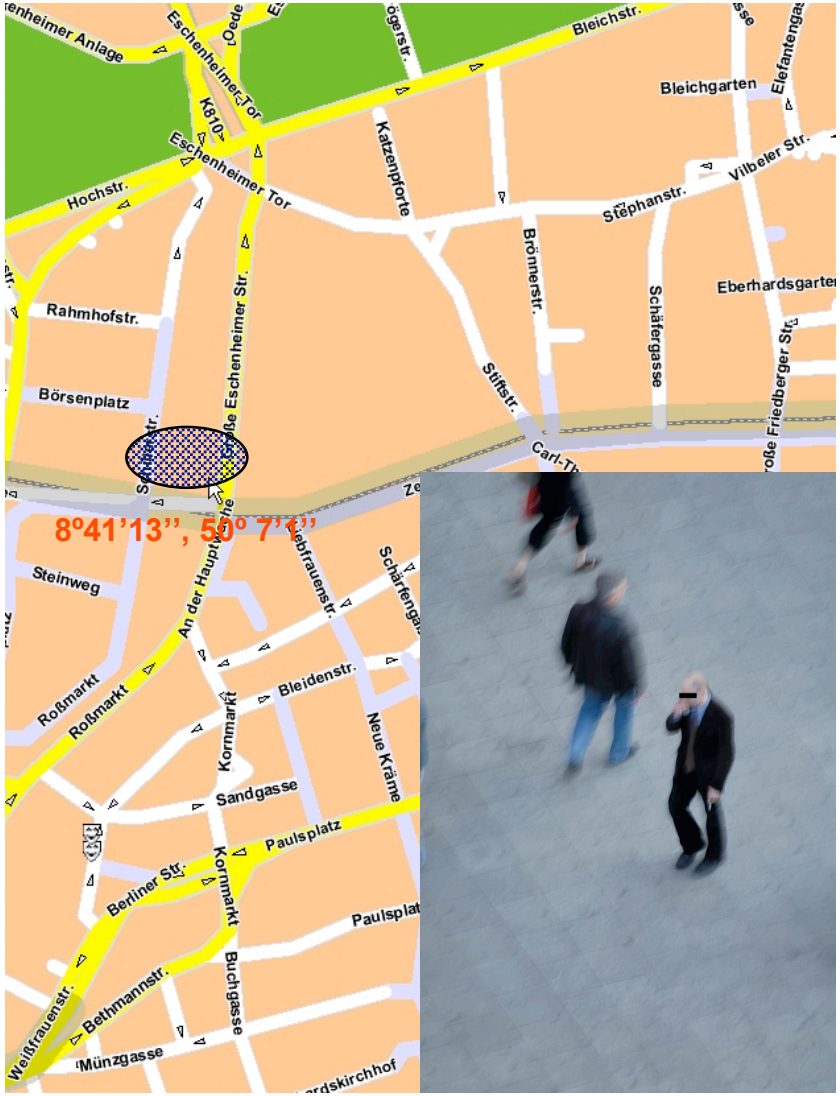


CARGIS in MC-Application



LBS-Effect on Positioning





AIMS: Other Analysis Tools

Intelligent Data Analysis (IDA)

Signaling and Content Processing (SCP)

Customised Add-ons

Questions ?

¿ snoitseuQ