

## Introduction to eduCONF Service

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# Videoconference Typical Situation



I need to setup a VC meeting!

What is the IP address?

Is the system on?

Will it work?

Can you make a phone call to see if there is someone there?  
What is the number?

It isn't working. Have you tested with the remote site?

Can you see me?

Can you see my powerpoint?

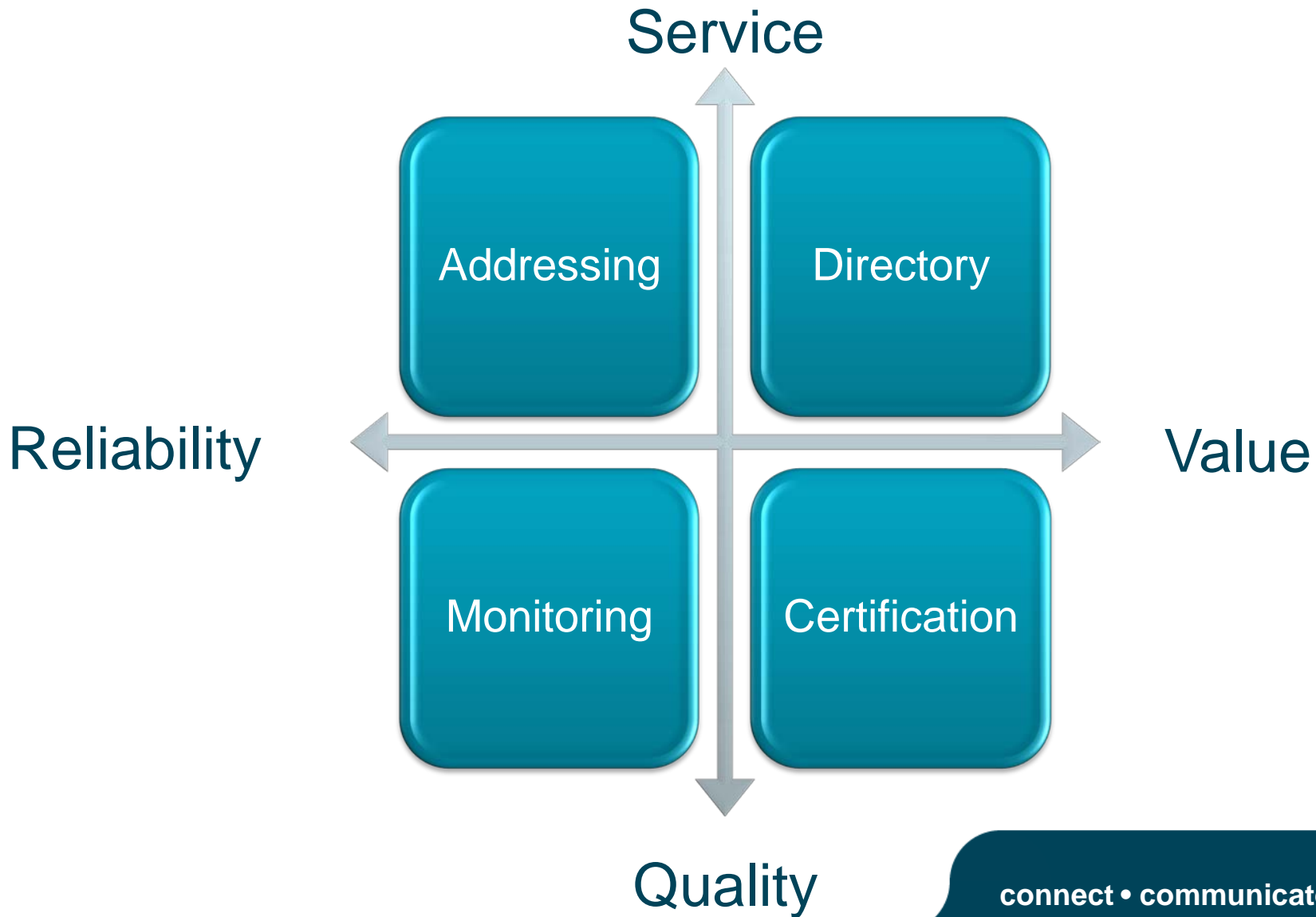
It is connected, but there is no picture!

Is there a VC system there?

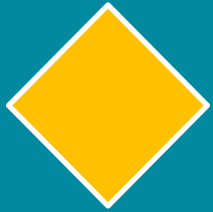
# Videoconference has problems!



- It is estimated that **30%** of the call fail on “first attempt”
- IP’s are difficult to dial
- GDS numbers aren’t much easier (phone like, over 14 digits)
- Thousands of terminals in european academia
  - no one knows where they are!
  - If can be used and how can be booked.
- Sometimes it just fails! Why? Can we prevent it?
- When it works, sometimes:
  - Poor video quality (network, light, room)
  - Poor audio quality (network, light, room)

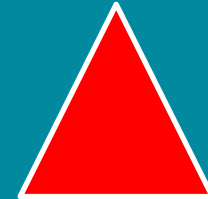


# H.323 Addressing

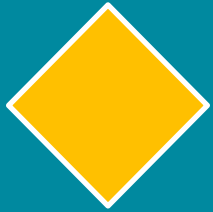


## IP

- Peer to peer calls
- No call control



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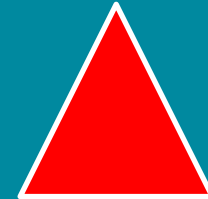
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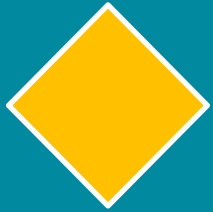
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## GDS

- Long digit sequence
- National Gatekeepers
- Working, but...





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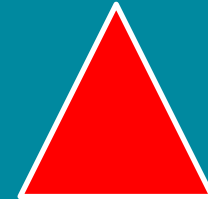
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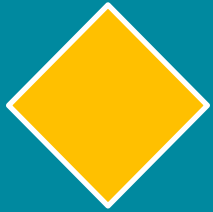
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## eDDi

- eduCONF Direct Dialling
- Non repeating digits
- eduCONF's Gatekeepers
- Ready, but...





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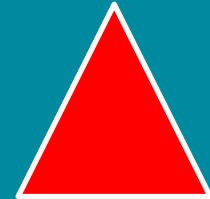
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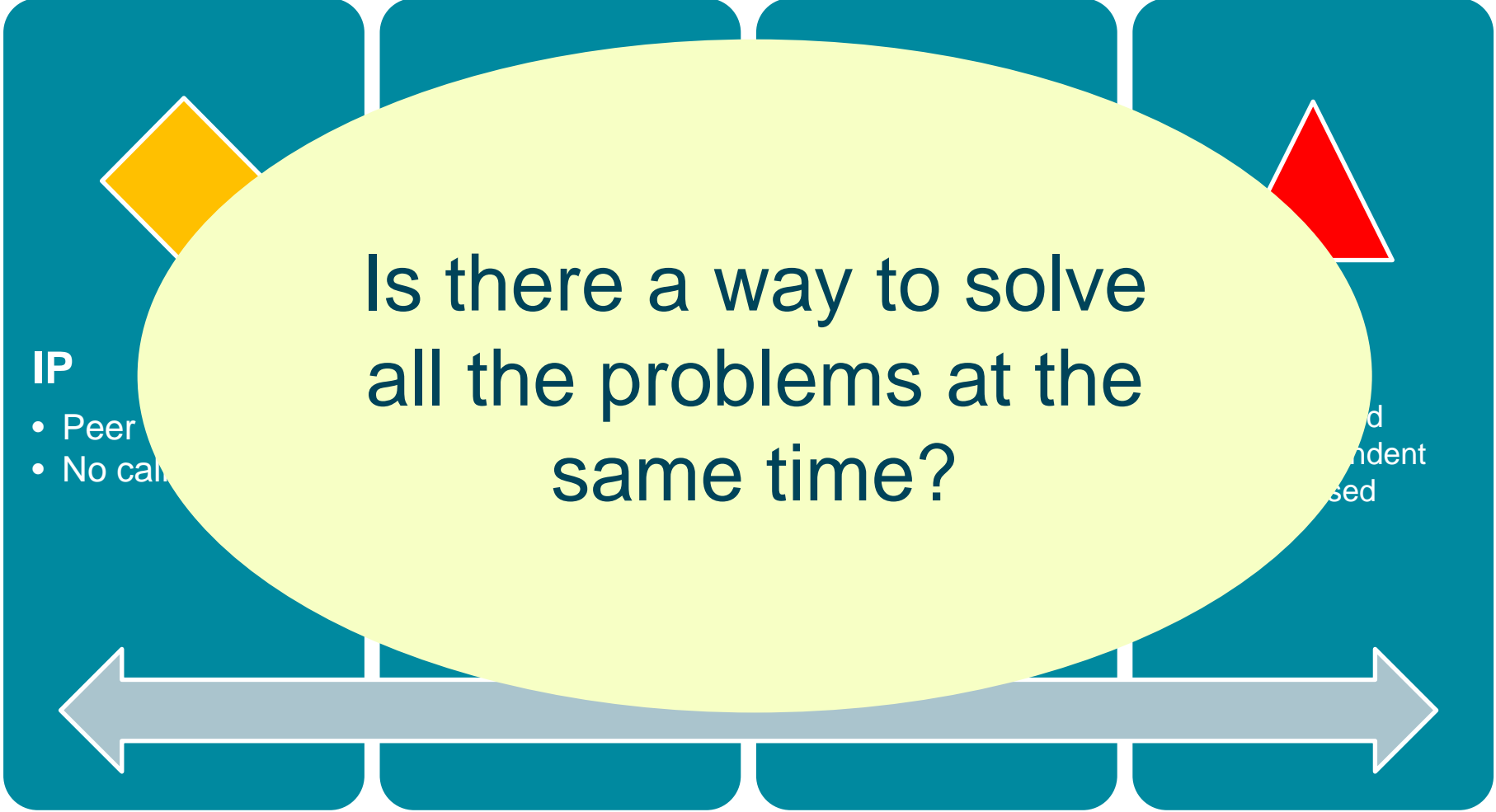


## ENUM

- E164 based
- URI dependent
- DNS based
- But...







Is there a way to solve  
all the problems at the  
same time?

IP

- Peer
- No can

and  
ndent  
sed

- **eduCONF**

- Integrate eDDi within an addressing structure
- technology scouting on GDS to ENUM transition
- Understand how to manage Virtual Numbers of VC terminals

- **NRENum.net**

- looking for other use cases
- extend dissemination

## NIF

- Submission of workplan to GN3
- Nov 2012

## Survey

- Request for information from NRENs
- Jan 2013

## Workshop

- Discussion & Feedback from the community
- Mar 2013

## Result

- Document and/or implementation
- Mar 2013