Title: Connection to Austria
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Date: 1989/11/21
Committee: Executive
Document: EXEC146 89 EARN-MIN LISTSERV@UKACRL
Revision: 0
Supersedes:
Status: Proposal
Maintainer: Maschtera Wilfried
Access: Unrewstricted

The attched document has been submitted for inclusion on the EARN
agenda by D Jennings. The Executive is asked to approve the proposal.

Yesterday I had a discussion with my funding authority and
representatives of the University of Vienna on the usage of the
EASINet link by EARN. We felt that our information are not sufficient
for a solution so the result was
- to upgrade the link Linz-CERN from 9.6 kb to 64 kb
- to gather information and experience with EASINet and then to
  resume the discussion to find a cost-saving solution.

So I ask the EXEC to comment the following proposals and to answer to
the questions.
Proposals:

1. The 64-kb-lines between Linz and Vienna and Vienna and CERN are to
   split and to connect to get a physical path between Linz and CERN
   for usage by EARN (I have not yet checked whether this is
possible).
   The G-Box is connected to this partitioned link. Of course less
than
   64-kb are available for the box. What is the minimum for this ?

2. The GBox is connected to the IBM 37xx (the same must be done at
CERN)
   On the links Linz-Vienna-Cern SNA with XI will be used. If allowed
   and possible the trafffic from/to Vienna will be seperated at
   Vienna and not send to the backbone.

3. X.25-Switches will be installed at Linz and Vienna the links
   Linz-Vienna-CERN are connected to this Switches thus connecting
   the G-Boxes by these switches.

Proposal 1 or 2 will only be in effect during a transition period.

Regards / Wilfried

PS: Please send a copy of the answer to my NCC G}nther Schmittner

Reply from D Jennings

Wilfried,
As I understood our original agreement, the steps would be as follows:

1. Connect the G-Box to the EARN backbone by a direct connection (using
    perhaps part of the EASINET Line) and test the G-Box. Then link the
    G-Box to AEARN to pass test traffic.
2. Connect the G-Box to an X.25 switch when the Gateway X.25 software
    on the NT switches has been tested, and establish and test such a
    G-Box to NT backbone link. Test connections to AEARN.
3. Test NJE/OSI software on AEARN, and connect AEARN to EARN X.25 backbone
    in parallel with the G-Box, via the local X.25 switch.

Is the new plan different, and if so why ?

Reply from Maschtera Wilfried

    Dennis,
we are upgrading our link to CERN from 9.6 kb to 64 kb. I discussed
with my NCC the future development of EARN's x.25 backbone. We
think an extension of the backbone to include Austria would have
some advantages. As in many other cases Austria is the ideal
connection point
for the Eastern Bloc countries. We all hope that these countries will
get the allowance to connect very soon and they will also introduce
X.25 I assume. Until this is done they could connect to our IBM
equipment.

I ask you to comment this idea.,

Reply from D Jennings

Wilfried,
I like the idea. Please see my previous message about the connection of
the G-Box, etc. The above idea sounds good, but we will need to test the
local X.25 switch to NT switch and the Gateway X.25 software first.
Perhaps we could even get NT to provide another switch if and when we

get
permission to allow us to connect the East European countries.