



Edinburgh Network Technologies Ltd. and University of Stirling

Prog. No. 4132 – Local Management Committee Meeting (LMC 01)

Associate's Report for LMC 01

Mr Colin Cameron

The report will be presented to the LMC 01 meeting to take place at 3pm on *Monday 7th April 2003* at *EdNet, 12 Dock Place, Leith*.

Circulation:

Dr. A. Kurt-Elli (Chair)
Mr. M. Kurt-Elli (Industrial Supervisor)
Prof. E. H. Magill (Lead Academic, Secretary)
Mr. A. J. Mitchell or Dr. John Brain (TCS Consultant)
Prof. K. J. Turner (Second Academic)
Mrs. A. Keane (Observer)

Executive Summary of Voice over IP softswitch project.

Project Aim

The aim of this project is to design and implement a functioning voice over IP 'softswitch' implementing IP Centrex capability. Between the time of the original project proposal and my hiring this project has progressed almost to the end of phase one.

This project will form part of edNet's main business in the future, further to this it provides opportunity for working with the knowledge base partner in several areas of leading edge research.

Activity since Previous Meeting

None. This is the first LMC meeting.

Achievements to Date

I have spent time studying the area of Voice over IP and in particular the VOCAL open source system. Over the past four weeks we have successfully designed, tested and integrated a more fully featured database system into the Vocal code this will allow us to progress to the future phases of the project. We have also modified the VOCAL code to

enable IP Centrex capabilities. These changes are undergoing final integration testing.

I have also spent time reading more high level material regarding internet telephony and the protocols involved with a view to choosing a suitable subject to research further.

This puts edNET on track to deliver Voice over IP telephony according to their original timescales.

Proposals for future action

The project has progressed significantly since the initial proposal. Therefore we will be progressing directly to the later parts of the proposal.

The next steps will be to finalise the work required for the future phases of the project and to amend the current proposal and Gantt chart if required.

The new estimates for costs, requirements and benefits of the proposed actions are currently being calculated, this will be done as a priority.

Author: Colin Cameron, 31/03/2003