

Newsletter November 2003

450 apartments enabled for Powerline in Hungary

The Ascom Powerline Customer 23Vnet Ltd. from Hungary installed in less than 2 months several multi-story-buildings in the northern part of Budapest. 450 apartments are now connected with Powerline products of Ascom.

“It is the first network of this kind in Hungary and we are very satisfied by the results” says Mr Lorand Mozes, Project Leader within 23Vnet. He also added, “We were very surprised by the prompt help from Ascom’s technical team and get the necessary support from Switzerland to make the installation running in this short time”.



The PLC network in Budapest has been installed by 23Vnet Ltd with the support of Ascom in measurement and deployment. The Hungarian company is owning and managing the network by themselves and the service is already in commercial operation. The first response from end-users were very positive and therefore further installations will be worked out.

To lower the initial investment, our customer used one Indoor Master per stairway with 9 floors each. This was enough for connecting an average of 10-15 users. The backbone connection is realised by a wireless solution with an antenna on the roof of the buildings.

The Indoor Master is located in the electricity room of each stairway. Up to 32 active users can be served with one Indoor Master and it is possible to further divide the stairway to cover additional Indoor Masters. Ascom supported 23Vnet Ltd. also in the planification process as there are several types of installation concepts for multi-apartment buildings that can be adapted in a very flexible way to the customer requirements.

It is foreseen that the same installation model could be applied to other multi-tenant buildings throughout Budapest, mainly in suburban areas. To enable broadband availability to such locations our customer is very optimistic to get government funding to further deployment of the Ascom Powerline technology.

After the mass rollout in Hong Kong, this is the second operator who is using Powerline to distribute broadband connection to apartments within multi-family buildings. Ascom is currently in discussions with several potential customers to realise similar projects in Europe as well as in the Americas with installations targeted to take place in the first quarter of 2004.

Berne, 30th November 2003