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To Whom It May Concern

Emerging technologies, integration of services and consolidation in the market place has changed the telecommunications landscape. Traditional silos of Telecomm, Datacomm and Videocomm are being merged into a single infocomm service being delivered over complex infrastructures. Philips Broadband Networks recognizing these changes embarked upon designing and manufacturing of a series of new platforms to support these services. One such platform is the CHPMax5000. This scalable platform includes modules consisting of 1310nm and 1550nm optical transmitters and receivers for broadband applications, ITU based narrow cast video for on-demand applications, optical amplifiers, Gigabit Ethernet transport and others.

The market requirement for managing these objects was SCTE's HMS standard protocol built around SNMP infrastructure. Philips Broadband did not possess required expertise in this area. Therefore we opted for selection of an industry partner. Through recommendations from the SCTE HMS Sub-committee, we selected NuDesign Team Inc., to be SNMPv3 technology provider and our partner in collaboration for the development of a single-board, embedded microcomputer for the remote monitoring and control using SNMP over Ethernet with support of HMS and Internet standard MIBs.

Early work included detailed analysis of technology choices. Once these were successfully concluded, the collaboration efforts began. The Philips SMM team was formed and worked very closely with various members of NuDesign in the area of MIB creation and modifications, porting NuDesign's SNMPv3 technology to Philips embedded platform, writing MIB's instrumentation code, adapting Philips application to OSE RTOS, TCP/IP, Ethernet drivers, serial interfaces and performing system tests.

During this period successful technology transfer to Philips engineering took place and as a result Philips now has SNMP & MIB expertise in house.

Since time to market was so critical and we were on a very tight schedule, I was impressed with the fast progress, quality of NuDesign software and timely support that the SMM team received from NuDesign.

I have also been particularly impressed with the know-how and expertise NuDesign possesses in this field and should I be involved with another SNMP project I will call upon NuDesign Team again. Thank you guys.

Sincerely,

Francis E. Retnasothie, P.Eng.
Group Leader, SMM Team
Systems Engineering
Philips Broadband Networks
Tel: +1 315 682-9105