

# **Using A Network Management System (NMS) As An Integrated Environment For The Capacity Planning Task**

Paulo José de Freitas Filho

Rivalino Matias Júnior

Elizabeth S. Specialski

{freitas, rivalino, beth}@inf.ufsc.br

Department of Computer Science and Statistics  
Computer Science Graduate Program  
Federal University of Santa Catarina  
Cx. Postal: 476 - Campus Universitário - CEP: 88040-900  
Florianópolis, SC, Brazil, 88040-900  
Phone: +55 (48) 231-9738 Fax: +55 (48) 231-9770

## **Abstract**

The recent years had disclose many issues related to network management. Most of them concerning about technical questions. This work discusses the possibilities of using a Network Management System (NMS) as an integrated environment for capacity planning. We give an overview of NMS and its relevance to the capacity planning tasks. We also take a look at the current NMS and their suitability for the capacity planning task.

## **Keywords**

Network Management Systems, Capacity Planning, Performance Evaluation.