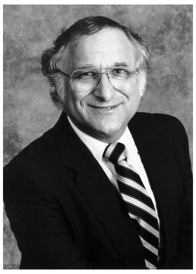
FOREWORD

If you can't measure it, you can't manage it. This well-known axiom is the foundation for the collection of papers on Network Management in this issue of the CiTR Technical Journal. Graham Chen, Qinzheng Kong and the other authors provide us with specific findings, architectures and share their experiences. Much other work, unfortunately, in the Network Management discipline, is qualitative and superficial.

New network technologies demand better management systems. Network management software is one of the fundamental supports of the vast and complex web of networks that provides global telecommunications capabilities today. Revolutionary improvements in the quality, reliability, and cost-effectiveness of telecommunications are directly attributable to advances in network management software. These networks are serving the needs of society by letting us telecommute to work, thereby reducing pollution, enabling remote education and bringing health care services to people rather than insisting the people come to the services. These papers contain a fine collection of results, the state-of-the-art and the state-of-the-practices in the development of such Network Management Systems.

Enjoy these papers that span the issues of architecture, standards and data structures. If your opinions support these findings, or even if they don't, send them to me and I publish them in my Thresholds column of the International Journal of Network and Systems Management. Send me a 1000-2000 word editorial piece and I will try to work it into our publication schedule.



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