

## Preface

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Editor

*Intel Technology Journal*

Intel's mission for 2000 is to "do a great job for our customers, employees, and stockholders by being the preeminent building block supplier to the worldwide Internet economy." Our corporate objective has undergone a significant change with this mission. While Intel will continue to grow our core processor and computing business, we also will focus on growing new Internet businesses and market segments. The buzz at Intel and throughout the industry seems to be the changes brought about by e-Business on traditional "brick and mortar" companies.

An example of an e-Business is Intel's Web-based order management system, introduced in July 1998. In January 1998, Intel had no online customers. Orders were filled through phone, fax, and overnight parcel carriers. By June 1999, over 560 companies in 46 countries were using Intel's Web-based order management system to place orders, track deliveries, post inquiries, and get product and pricing updates. Today, this system produces nearly \$1 billion in sales per month. By 2001, Intel projects that more than 90% of its orders will be handled over the Web. The shift to e-Business is a key driver of current business strategy and opens up many new opportunities for Intel.

In this Q1'00 edition of the Intel Technology Journal, we will look at how Internet information technologies (IT) are enabling e-Businesses at Intel and beyond. The first paper describes Intel's own Internet connectivity architecture including the business factors that led to its creation and the technologies developed to build and maintain it. The second paper talks about factory indicators using near real-time supply chain performance indicators from a variety of manufacturing sources. These indicators provide the necessary information to run day-to-day operations and avoid or detect problems. The third paper describes corporate Intranets and how to manage information overload.

The fourth paper looks at business-to-business (B2B) specifications for an industry-wide standards-based approach to e-Business known as RosettaNet\*. The fifth paper looks at policy-based management of network services. It explores the dimensions of policy-based management, provides a pragmatic review of the technology, and discusses the deployment challenges and usage scenarios.