



Preface

Special Issue on Storage Systems and HDD Technologies

A handwritten signature in black ink, appearing to read 'Chiaki Ito', written in a cursive style.

Chiaki Ito
Corporate Executive Vice
President

In terms of storage capacity, the worldwide storage market is expanding by 70% per year. This rapid increase is mainly due to the strong growth of IT applications such as banking transactions, electronic documentation, and shopping at online music stores, which require more storage capacity than the applications of traditional large enterprise systems.

To be sufficiently accessible to large numbers of users, today's storage systems must offer high performance, high reliability, and high availability as basic features. Furthermore, they must support the multiple CPU/OS platforms being used by recent systems and provide many functions, for example, data backup, archiving, and disaster recovery, with minimum operation costs. To meet these requirements, we need to energetically promote the development and provision of the appropriate software and storage units for our customers.

In this special issue, we focus on the storage system technologies that apply to long-term information storage and retrieval. We describe some of Fujitsu's key storage products, for example, RAIDs, which are the core units of storage systems; storage application software; and a storage virtualization switch.

HDD technology is a core element of storage systems, and Fujitsu's HDDs have received high evaluation marks from the market because of their high reliability. This technology has been evolving year-by-year and is now reaching a turning point. In this special issue, we also describe Fujitsu's breakthrough technologies for achieving further increases in HDD recording density.

Fujitsu is a remarkable company that can provide entire system solutions, including storage systems, and we will continue developing new technologies to provide our customers with the solutions they need.