

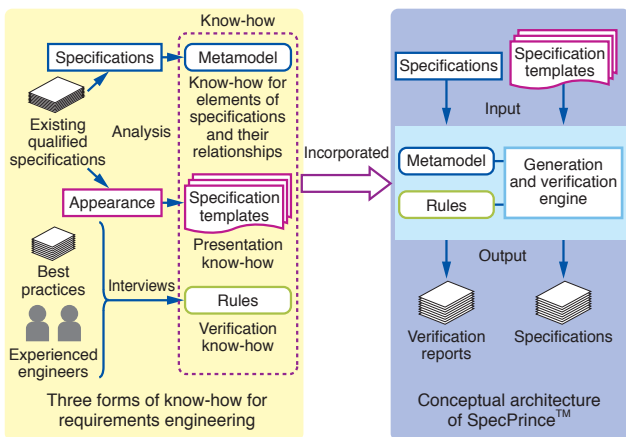
In the solution services field, Toshiba is creating new values that promise safety, security, and prosperity for society, companies, and individuals. We provide solutions through information technologies for a large number of enterprises and various areas of social infrastructure based on computer platform technologies.

## SpecPrince™ Support Tool for Generating and Verifying High-Quality Requirements Specifications

In the early phases of a software-intensive system development lifecycle, it is essential to clarify the system requirements, specify documents related to the requirements specifications, and carry out reviews on the basis of such documents. However, the following problems in such documents have not been addressed so far:

- There is a lack of unification as to which specification elements in the documents should be described.
- The documents contain inconsistent specifications.
- The content of specifications is not sufficiently discussed.

Toshiba Solutions Corporation has developed a tool named SpecPrince™ that supports the generation and verification of specifications. SpecPrince™ incorporates three forms of know-how: one for defining the elements and their relationships that are necessary for the requirements specifications, one for presenting such specifications, and one for verifying them. Applying SpecPrince™ to requirements engineering is effective in solving the above problems and assists in the creation of high-quality requirements specifications.



Conceptual architecture of SpecPrince™ support tool for generating and verifying requirements specifications

## New ArrayFort™ Series Featuring Effective Operation and Power Saving by Storage Virtualization Technologies

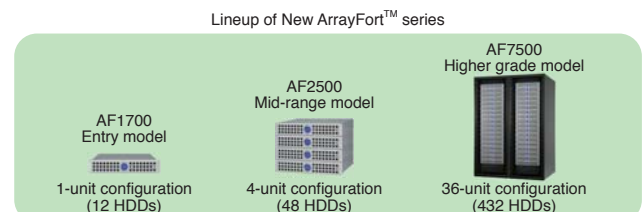
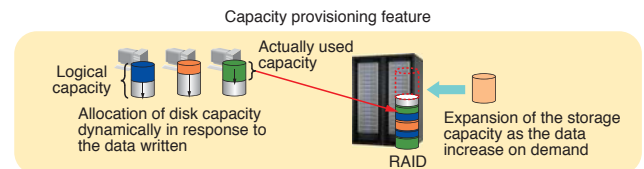
Toshiba Solutions Corporation has developed the new ArrayFort™ AF7500/AF2500 series disk storage systems featuring two times better or higher throughput performance than the predecessor models and realizing effective operation and power saving with storage virtualization technologies.

The new ArrayFort™ series can provide 1.5 Gbytes/s throughput per single controller, which is double the rate of our previous models. We have also developed a “capacity provisioning” feature that realizes effective operation of disk storage systems. This feature allows the logical capacity visible to the server computers to be isolated from the physical disk capacity in the disk storage system, making it possible to operate the system with the actually used disk capacity smaller than the logical capacity.

The capacity provisioning feature allocates the disk capacity dynamically in response to the data written from the server computers, permitting expansion of the storage capacity as the data increase. Thus, the logical capacity can be configured to be large enough in advance without physical disk capacity constraints, making capacity planning easier in the system deployment phase. Moreover, this feature contributes to power saving by appropriately provisioning the number of hard disk drives (HDDs) required.

The new ArrayFort™ series are environmentally conscious products complying with the RoHS(\*) directive in Europe and the Law on Promoting Green Purchasing in Japan.

(\*) RoHS: Restriction of Hazardous Substances Directive of the European Union, prescribing restrictions on the use of certain hazardous substances in electrical and electronic equipment



Overview of New ArrayFort™ series