Beat: Technology

TOSHIBA - EXTERNAL AND INTERNAL HARD DRIVES (STORAGE SOLUTIONS)

ONE OF MOST VITAL COMPONENTS LIFESTYLE

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USPA NEWS - A Press Conference was held on May 15, 2019 at the W Hôtel (Paris - France) introducing TOSHIBA 16TB MG08 Series Hard Disk Drives.
With the Presence and presentation of :
* Eun-Kyung Hong - Product Manager, Personal Storage Division, Toshiba Electronics Europe Gmbh (Headquarters in Düsseldorf - Germany)
* Rainer Werner Kaese - Senior Manager Business Develoment Storage Products - HDD, Toshiba Electronics Europe Gmbh (Headquarters in Düsseldorf - Germany)
* Hubert De Montaignac - Senior Manager Sales France & Italy, Toshiba Electronics Europe Gmbh France Branch (Paris - France).

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In 1873, the Ministry of Engineering, responsible for promoting Japan´s modernization, commissioned Hisashige Tanaka to develop telegraphic equipment. He built a factory in Tokyo in 1875 to accommodate the growing government orders. This was Tanaka Seizo-sho (Tanaka Engineering Works), one of the forerunners of Toshiba. Tanaka Engineering Works created a waterwheel-powered turbine generator and Hakunetsu-sha developed a radio transmitter. In 1921, Tokyo Denki (Tokyo Electric Company; the name was changed from Hakunetsu-sha in 1899) invented the double-coil electric bulb, later recognized as one of the six great inventions in the history of bulb technology.... Those were the First steps taken toward creation of Toshiba.

Japan´s economy was booming by the second half of the 1950s, leading to rapid growth in the heavy electrical machinery, electronics and communications industries. Sales and profits grew quickly as Toshiba created novel products, developed original technologies, expanded existing factories and built new production facilities to supply fast-growing markets. Overseas sales and manufacturing subsidiaries were established to develop the international business. The ratio of overseas sales gradually rose.... In 1984, the abbreviated form “Toshiba“ replaced Tokyo Shibaura Denki as the company´s official name (in English, “Toshiba Corporation“ was adopted in 1983)... Economic stagnation in Japan during the 1990s led Toshiba to adopt the “concentration and selection“ approach to achieve sustained growth. This involved concentrating resources in sectors with growth potential and new businesses, while selectively promoting growth in mature or declining sectors through reform and restructuring. Toshiba focused resources on semiconductors and expanded the PC business...

Toshiba (Toshiba Electronics Europe Gmbh) announces MG08 Series, the Industry´s Largest Capacity 16TB Conventional Magnetic Recording (CMR) HDD. With 33% more Capacity than today´s widely adopted 12TB Drives, and 14% more capacity than prior 14TB Models, MG08 16TB Drives are compatible with the Widest Range of Applications and Operating Systems, and adapted to Mixed Random and Sequential Read and Write Workloads in both Cloud and Traditional Datacenter Environments.

The MG08 Series is Toshiba´s second-generation helium-sealed HDD family, and eighth-generation Enterprise Capacity HDD family. Toshiba has delivered its industry-leading 16TB capacity and improved power efficiency by utilizing the 9-disk helium design, introduced last year in 14TB models, and its own advanced precision laser welding process to ensure the helium remains sealed inside the drive case. The MG08 Series further illustrates Toshiba´s commitment to advancing HDD design to meet the evolving needs for storage devices suited for use in cloud-scale servers and storage infrastructure. As data growth continues at an explosive pace, the industry-leading 16TB CMR capacity will help cloud-scale service providers and storage solutions designers to achieve higher storage densities for cloud, hybrid-cloud and on-premises rack-scale storage. With its improved power efficiency and 16TB capacity, the

MG08 Series will help lower the TCO of storage infrastructure designed for applications such as data-protection, big data aggregation, content serving and digital archiving.

- Enterprise HDD
Enterprise Performance HDDs for High-Performance Server and Storage Systems that require quick response and rapid data transfer. Enterprise Capacity HDDs have Large Capacity and are used in Storage Systems and Data Centers which require large amount of Data Storage Capacity. Toshiba provides several classes of enterprise HDDs to support both mission and business critical applications that demand reliable performance in 24x7 operating environments.

- Client HDD
Client Hard Disk Drives (HDD) deliver performance, capacity and power efficiency, and are the Solution of Choice for Desktop and Notebook PCs and other Client Systems Applications. Toshiba client HDDs are available in a range of capacities in standard form factors (2.5 inch and 3.5 inch) suitable for a Broad Range of Applications. Self-encrypting drive (SED) and FIPS certified models are also available.

- Specialty Applications
Toshiba offers an extensive range of Advanced Technology Drives such as Surveillance System, Video Streaming Appliances, External Storage and Automotive. Toshiba has partnered with the Automotive Industry and its Suppliers for about 20 years to provide Automotive-Grade HDD Models to enable navigation and other infotainment systems with Data Storage the achieves the required reliability and performance. The knowledge gained from these Specialty Markets enables Toshiba to improve its HDDs for other applications and find new markets for HDD Storage Technology.

Products include High Capacity Power-Efficient Storage for Cloud Data Centers, Capacity and Performance HDDs for Enterprise IT, client HDDs for PC/Desktop, and Specialty Drives for Surveillance, NAS Systems, Set-Top Box Video, Gaming and External Storage.

Source : Press Conference given on May 15, 2019 @ W Hôtel in Paris (France)

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