Digital Products and Services

"TimeOn" Regza Cloud Service

Cloud Menu service

Message service

Taglist service

Calendar service

Toshiba launched a Regza cloud service called "TimeOn" in October 2012 for the REGZA Z7 and J7 series liquid crystal display (LCD) TVs. Its concept is not only to connect people with video contents but also to enhance people-to-people relationships by making them more active and enjoyable.

To realize this concept, TimeOn offers the following services on social networking services (SNS):
• The "Cloud Menu" service provides a preview of and serves as a portal for all the TimeOn services.
• The "Recommended Scene Play" service allows viewers to search recorded TV programs for favorite scenes and gives viewers quick access to top-ranking programs being discussed on the Internet.

• The "Taglist" service allows viewers to jump between scenes like DVD chapters using "interesting scene" and "user tag" lists while viewing a recorded TV program.
• The "Message" service allows viewers to exchange electronic messages with their friends about recommended TV programs and scenes.
• The "Calendar" service integrates the upcoming schedules and recent histories of TV program recording from multiple devices on the home network.
• The "Cloud Album" service allows viewers to view photos on a TV in a living room.
• The "Memo Board" service provides an electronic message board for viewers' family members.

AT830 REGZA Tablet with ISDB-T Full-Segment TV Receiver

AT830 REGZA Tablet

The AT830 REGZA Tablet incorporates an integrated services digital broadcasting-terrestrial (ISDB-T) full-segment TV tuner and has a 13.3-inch light-emitting diode (LED) backlit display, allowing users to enjoy video contents by themselves or with family members and friends.

Although the AT830 is a large tablet, the subtle curves and the textured back panel make it easy to hold. The bundled tablet stand also provides convenient viewing positions in both landscape and portrait orientations for video viewing, Web browsing, and e-mailing.

The 13.3-inch HD+ (1 600 × 900 pixels) wide-viewing-angle display and four powerful speakers provide outstanding video and audio experiences. Additionally, the large battery pack provides approximately 13 hours of use under regular operation and approximately five hours of TV viewing from one charge.

REGZA 55XS5 4K Ultra HD LCD TV

REGZA 55XS5 4K Ultra HD LCD TV

Toshiba has released the REGZA 55XS5 4K ultra-high-definition (Ultra HD) LCD TV featuring a 4K Ultra HD panel with approximately 8.29 million (3 840 × 2 160) pixels, four times the pixel count of a full HD TV, and a high-performance video processing engine called the "REGZA Engine CEVO Duo." The 55XS5 displays various video contents such as digital terrestrial TV programs and Blu-ray Disc™ contents with extremely high picture quality.

The REGZA Engine CEVO Duo embodies advanced image restoration technologies. For example, color texture restoration technology restores normal contents missing fine color texture information during the image production phases to enhance image textures by analyzing and optimizing color information pixel by pixel. As a result, the REGZA Engine CEVO Duo delivers picture quality appropriate for a 4K Ultra HD TV. This allows viewers to experience their favorite contents in a new way with a high degree of reality.

The 55XS5 also offers attractive features such as a 4K Ultra HD photo viewer and simultaneous dual program recording.

Blu-ray Disc™ and Blu-ray™ are trademarks of the Blu-ray Disc Association.

23/32PB201 Series LCD TVs with Prayer Time Alarm for Indonesian Market

23/32PB201 series LCD TVs

The 23/32PB201 series LCD TVs feature a unique alarm function designed to remind Muslim users of their ritual prayer times (Azan times) and are primarily aimed at Indonesia, where 90% of the population are Muslim. Azan alarm clocks are popular among Indonesian people. Thus, Toshiba considered there would be a great demand for TVs with an Azan alarm function and started the development of an Azan alarm.

The newly developed TVs remind viewers of all five prayer times according to their location. As Islamic prayer times differ from place to place, the TVs contain geographical information on 256 cities so that the prayer times can be automatically calculated from the latitude and longitude simply by selecting the city in which the user lives.

In addition to an alarm sound, viewers can choose music, pictures, and even TV programs stored in external universal serial bus (USB) memory as Azan time reminders.

The 23/32PB201 series also have a standard alarm for non-Muslim users.

Satellite U840W, World's First Cinematic Ultrabook™ PC

Satellite U840W Ultrabook™ PC

The Satellite U840W embodies Toshiba's outstanding audiovisual (AV) technologies optimized for Ultrabook™ PC applications. This model is equipped with the world's first 14.4-inch 21:9 cinematic widescreen LCD display[*] and the powerful, world-renowned harman/kardon® speakers. It combines rich features with the stylishness of its slim and wide form factor. Due to its sleek and elegant bicolor exterior consisting of disparate materials, the Satellite U840W won the Good Design Award 2012 in Japan, as well as the iF product design award 2013 and the red dot award for product design 2013 in Germany.

Additionally, the slim design of the Satellite U840W makes this model light in weight and it combines a high performance level with a long battery life of approximately eight hours on a single charge, making it an ideal choice of Ultrabook™ PC for mobile use. It also comes with Toshiba original software programs that maximize the advantages of an Ultrabook™ PC. These software programs leverage our unique expertise in both consumer entertainment and mobility technologies accumulated over many years of experience in AV PC development. For example, a unique multitasking algorithm allows users to create multiple display zones on the screen and to fit the active windows within these zones.

The Satellite U840W targets active users who wish to take their notebook PC with them anywhere, anytime, to enjoy optimal viewing and listening experiences and send out information to the world.

(*) As of May 2012 for notebook PCs (as researched by Toshiba)

Ultrabook is a trademark of Intel Corporation in the United States and other countries.

harman/kardon is a trademark of Harman International Industries, Incorporated.

LX830 All-in-One PC

LX830 all-in-one PC

Designed for overseas markets, the LX830 all-in-one PC features a large LCD screen, a small footprint, and easy setup. The electrostatic-based 10-point multi-touch screen is well suited to take advantage of the user interface available with the latest Windows® 8 operating system.

The 23.0-inch diagonal full HD (1 920 × 1 080 pixels) LCD screen provides brilliant HD picture quality, while Onkyo speakers embody excellent technologies cultivated over decades of audio system experience. Consequently, the LX830 offers superior multimedia quality comparable to that of AV equipment.

The LX830 has various interface ports, including HDMI® input and output ports. Users can connect a gaming console or AV equipment to the HDMI® input and use the LX830 as an external display without booting the operating system.

Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

HDMI is a trademark or a registered trademark of HDMI Licensing, LLC in the United States and other countries.
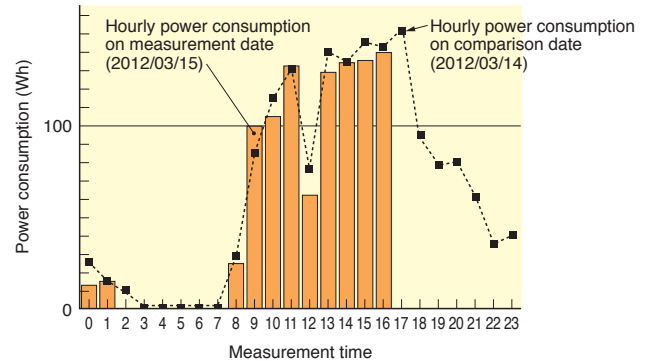
Toshiba Client PC Manager

Toshiba Client PC Manager is a client PC management software product that provides security management and power consumption management features.

This software utilizes Toshiba's power-saving technology, a security technology using a basic input/output system (BIOS) developed in-house, and a suite of information technology (IT) management applications called IBM® Tivoli® Endpoint Manager. It helps IT administrators to improve client PC management without reducing the productivity or operability of client PCs.

Toshiba Client PC Manager provides the following unique features:
- To make the security of client PCs more robust, the BIOS prevents a PC from booting if it is in an environment where boot authentication does not work properly.
- The power-saving feature provides a management environment for power consumption reduction using an accurate power measurement technique.
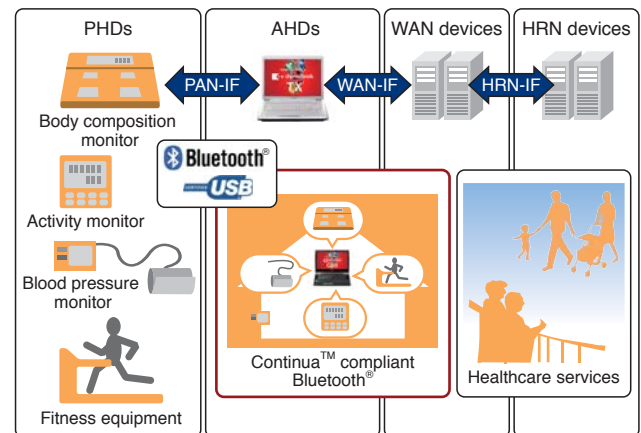

Example of power consumption visualization display of Toshiba Client PC Manager

IBM and Tivoli are trademarks or registered trademarks of International Business Machines Corporation.

Continua™ Compliant Bluetooth® Healthcare Stack

Toshiba has released a Bluetooth® healthcare stack compliant with Continua Health Alliance standards. Running on Windows® 8, it enables a PC to receive measurement data from Continua™ compliant healthcare devices via Bluetooth®. Healthcare equipment manufacturers have commercialized various Continua™ compliant devices such as body composition monitors, blood pressure monitors, activity monitors, pulse oximeters, and glucose meters. Our healthcare stack allows PC users and system administrators to import data from these healthcare products regardless of their manufacturer.

One of the features of our stack is that it is able to output data in general intermediate formats such as extensible markup language (XML) and comma-separated values (CSV). This makes it easy to handle health information at the application level even if one is not familiar with standards such as Continua™, Bluetooth®, and the Institute of Electrical and Electronics Engineers (IEEE) 11073 standard, and facilitates the development of PC applications and server-based platforms using Web applications for healthcare management. Another feature of our stack is that since it handles information from personal health devices (PHDs) without modification, PHD manufacturers can differentiate their products as soon as a standard is published. In other words, it permits PHD manufacturers to standardize their products

IF: interface   WAN: wide area network   HRN: health reporting network
AHD: application hosting device

Overview of healthcare system with connectivity by Continua™ compliant Bluetooth® healthcare stack

to ensure interoperability while adding differentiating features at the same time. Since Bluetooth® is a powerful means of communication for personal area networks (PANs), we will promote its application in the fields of fitness, healthcare, medical care, and sensor networking.

Continua is a trademark of Continua Health Alliance.

The Bluetooth® word mark and logo are registered trademarks owned by Bluetooth SIG, Inc.

Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

e-STUDIO™ 2050C/2550C Full-Color MFPs with World's Smallest Footprint

e-STUDIO™ 2050C/2550C full-color MFP

Toshiba TEC Corporation has developed the e-STUDIO™ 2050C and 2550C series full-color A3 multifunction peripherals (MFPs) with the world's smallest footprint[*1] among the range of full-color A3 MFPs. These models provide printing speeds of 20 and 25 pages per minute, respectively, in A4 landscape mode, and are equipped with an integrated controller that delivers excellent solutions for various business needs.

Measuring 575 (W) mm × 590 (L) mm[*2], the

e-STUDIO™ 2050C and 2550C occupy 30% less space and weigh 53% less than their predecessors due to the use of a new engine. These MFPs also generate lower levels of operating sound as a result of an improved mechanical structure and optimal choice of components. These features ensure comfortable use even in areas with limited space such as behind shop counters, and in quiet offices.

Due to the use of a newly developed low-temperature-fusing toner and LED print head, the e-STUDIO™ 2050C and 2550C realize a more than 50% reduction in standard power consumption[*3], compared with their predecessors. While achieving low-power operation, they provide a short warm-up time of approximately 35 seconds and a sleep-mode recovery time of 15 seconds, offering a combination of power saving and user convenience.

(*1) Among full-color A3 MFPs as of December 2012 (as researched by Toshiba TEC Corporation)

(*2) With the document glass cover mounted

(*3) Comparison in terms of typical electricity consumption (TEC) per conceptual week defined by the International Energy Star Program
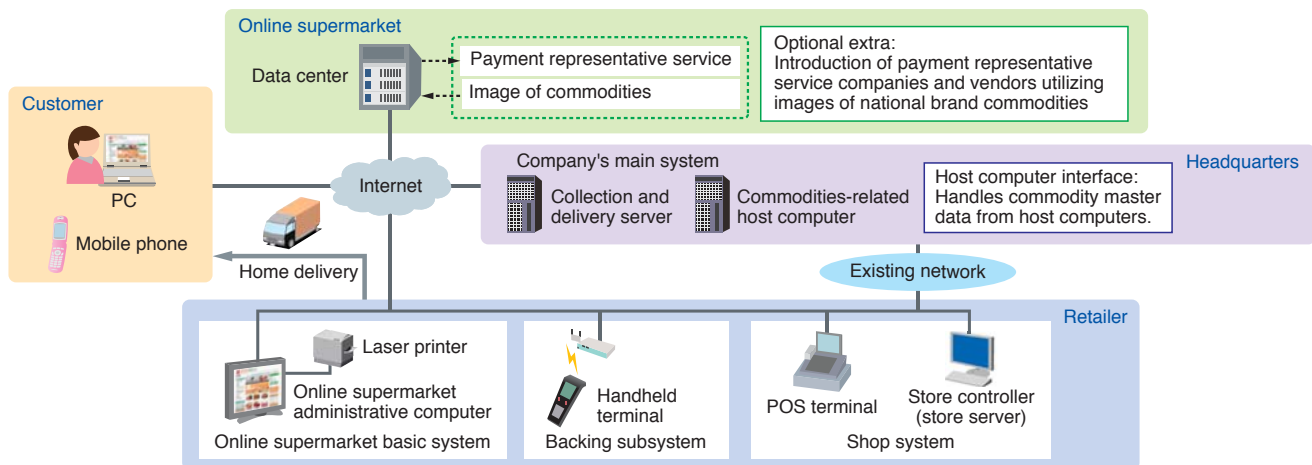
@Nexmart™ Internet Supermarket System

To address the needs of the rapidly expanding home delivery market, Toshiba TEC Corporation has developed an online supermarket system called @Nexmart™ that connects consumers to real stores via the Internet.

The key features of @Nexmart™ are as follows:

- The system can be tailored to suit the needs of each customer by the use of cloud-based software as a service (SaaS) architecture.

- The websites are specifically designed for PCs, cellular phones, and smartphones, for improved user convenience.
- @Nexmart™ makes it possible to offer the same pricing between Web and real stores by working in tandem with our point-of-sale (POS) systems, and allows users to enter sales information efficiently by scanning barcodes printed on receipt slips and two-dimensional barcodes that indicate online selling prices with POS systems.

Configuration of cloud-type net supermarket system