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Press Release

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TRON Project Symposium  
TRONSHOW 2006 Press Conference

**“Ubiquitous Computing is here to stay”**

The World’s Largest Laboratory Specialized in Ubiquitous Computing  
All the latest achievements of YRP Ubiquitous Networking Laboratory  
will also be introduced

Since 1984, we have been promoting research and development activities of the TRON Project with the goal of building new computer systems for the “Computers Everywhere” era. Recently, this goal has become a research theme with worldwide importance as “Ubiquitous Computing”. One result of the TRON Project, ITRON, has already been embedded into various devices such as mobile phones, automobile engine controls, digital videos, fax machines as an OS for embedding devices and is used all over the world.

In addition, the T-Engine Forum was established in 2002 as an organization to promote the T-Engine Project that builds development platforms for ubiquitous computing environments, and the Forum now has nearly 500 members including organizations in Japan as well as in foreign countries.

Also in China, Korea, Singapore, Vietnam, Australia, Taiwan and other countries, T-Engine Development Centers or Ubiquitous ID Centers have been established in cooperation with local companies, universities and organizations. These centers have been educating and promoting the T-Engine and ubiquitous technology. In addition, many feasibility study experiments that utilize ubiquitous ID technology have been conducted and records are steadily being accumulated.

We would like to hold the TRONSHOW 2006 to introduce the latest achievements made by

## **[Information 1]**

the current TRON Project and the T-Engine Project focusing on the T-Engine and Ubiquitous ID technology, as below. We would appreciate it if you could publicize these achievements by the TRON Project and this TRONSHOW 2006.

### **NOTE**

#### **1. TRONSHOW Overview**

Period: Wednesday, December 14th through Friday, December 16th

Time: 10:00 to 17:00

Venue: Glass Building B1, Tokyo International Forum  
3-5-1 Marunouchi, Chiyoda-ku, Tokyo

Organizers: T-Engine Forum/TRON Association

Entrance fee: 1,000 yen (Free if you are pre-registered)

#### **2. Achievements to be introduced (Outline)**

1. Three types of standard ucode tags authorized by the Ubiquitous ID Center.
2. The successful development of an RFID reader/writer that supports multiple frequencies and multiple protocols by the YRP Ubiquitous Networking Laboratory.
3. Worldwide global release of Ubiquitous ID Technology.
  - The worldwide release of a ubiquitous ID use kit for building a global, wide area distributed ubiquitous ID infrastructure and for promoting its use.
4. The successful development of the "Sensing Dice", an active electronic tag with multiple sensors, and a micro base station and mobile base.
5. First in the World! – An automatic cargo identification truck that improves distribution efficiency by utilizing RFID technology.
6. Electronic medicine record book which automatically checks combinations of medicine, medicine and food, and whether such combinations cause any allergies.
7. The continuous expansion of feasibility study experiments.
8. TRONSHOW 2006 Government Pavilion, the "Introduction of achievements made by six government ministries working together using Ubiquitous ID technology and T-Engine"
9. Global expansion of the Ubiquitous ID Center and the T-Engine Forum: Technologies transferred to the world.
10. Demonstration of evaluation experiment results of the T-Kernel's real-time performance.

## **[Information 1]**

11. The Sakamura Laboratory at the University of Tokyo will release the world's largest set of Chinese character fonts with 360,000 characters for free.
12. The start of a "Comprehensive Analysis Informatics Course" at the Interfaculty Initiative in Information Studies, Graduate School of Interdisciplinary Information Studies, the University of Tokyo for fostering human resources in a ubiquitous information society.
13. Social experiments of information distribution systems that utilize ucode tags, etc. conducted in Shinjuku More 4<sup>th</sup> street.