

Technology Showcase @ TRIOLE Center
 Fujitsu North America Technology Forum 2009
 12:00PM – 4:00PM, November 4, 2009



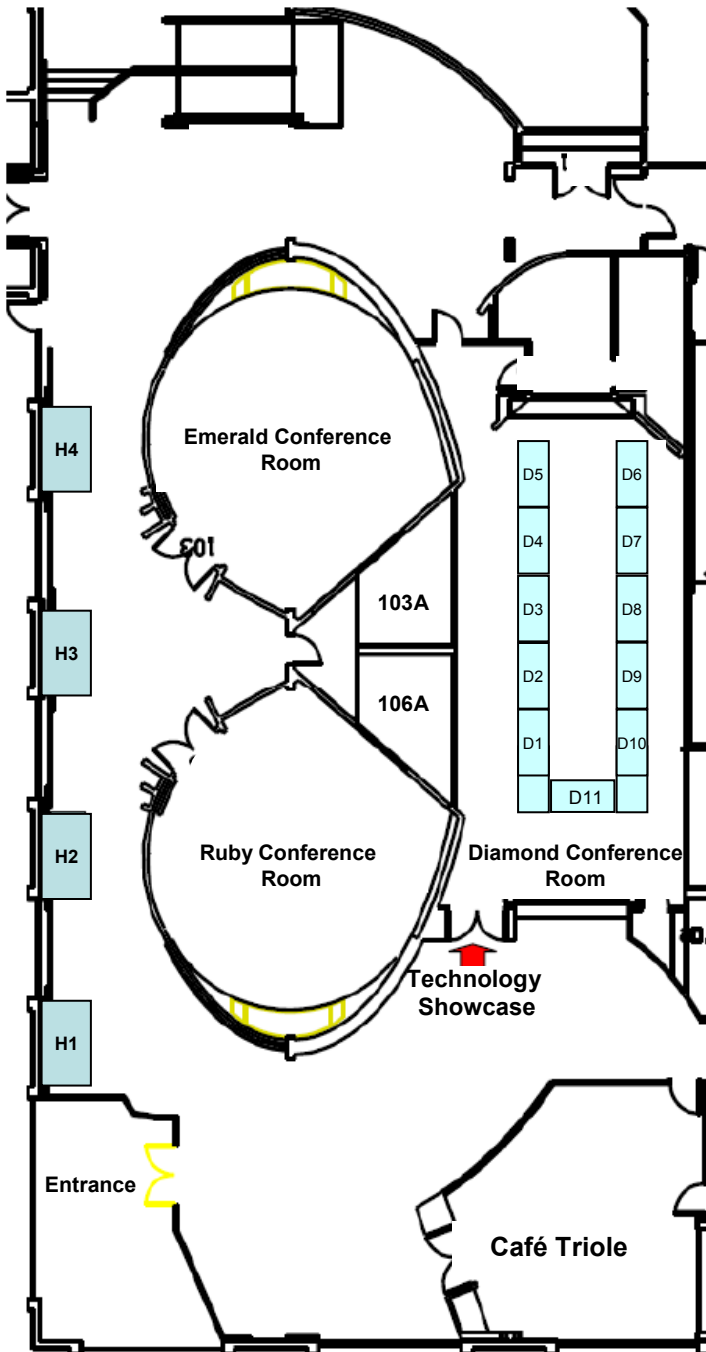
Category	Technology	Brief Description	Demo Station
Security & Risk Management	Risk Mining	Risk mining technology that can visualize the content of textual descriptions of massive trouble reports as concept maps and event flows. This enables users to enact proactive risk management in order to avoid possible future problems.	D1
	E-mail filtering and analysis technology for data loss prevention.	A range of tools developed to prevent incidents of data loss from e-mail including contents-based filtering, e-mail network analysis and visualization, and an outbound mail checker that is a standard tool in Fujitsu Japan.	D2
	TrustCube: integrated authentication for cloud applications	TrustCube is an infrastructure that provides flexible, friendly and rich integrated authentication support for system integrators for cloud environments. It demonstrates both system integrator and end-user experiences of the infrastructure. It enables system providers rapid deployment of integrated authentication services (IAS) as an OpenID ID provider through IaaS services (Amazon Web Services) and Web servers through PaaS services (Google AppEngine).	D3
	Secure Data with USB Memory Device	Two technologies that prevent the unwanted disclosure of data from lost USB memory devices - involving time-defined automatic data erasure and file redirect technology to ensure sensitive data can only be copied to a specified server location.	D4
Service Innovation & Agility	WEAVELite: Automatic Web Navigation Checker	Testing web applications for navigation defects is manually intensive and error-prone. Given a Java web application, WEAVELite automatically extracts its navigation model which enables automatic verification of the application's navigation requirements.	D5
	Optical network design and modeling	Packet optical networking platforms are being deployed in metro/regional networks in North America to support triple play, Ethernet services, and interactive services. We will present our research on demand aggregation and routing algorithms for optical network design and modeling.	D6
	Business Process Visualization and Analysis Technology	Enabling users to generate flow diagrams that represent their own (known and possibly hidden) business processes, using already available system data.	D7

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Human-Centric Computing	Xurch Technology	Xurch leverages existing search engines by adding a layer on top of them to make searching easier. These "Search Facilitation" techniques have been applied to many existing web sites as well as a variety of vertical search areas.	D8
	Unified Sensing Platform for Healthcare	This demonstration integrates a number of devices used for human monitoring in an assisted living healthcare environment. The demonstrated system provides automatic detection and notification of changes in the monitored information as well as the state of the devices used to monitor that information.	D9
	Video Analysis and Retrieval Solution	Enabling huge volumes of stored video archives to be rapidly retrieved and analyzed, focusing on broadcast and program-making applications.	D10
	AIT (Automated Identification Technology) Solution	A lifecycle management solution for aircraft parts using automated identification technology, such as RFID or CMB. We integrate AIT tags, readers, middleware, and 3rd party applications into a unified solution.	D11
Environment & Green IT	FLEPia Color e-Book	FLEPia is the world's first color eBook and is based on Fujitsu's flexible cholesteric liquid crystal display technology. With a large 8" screen and weighing only 360gm (12.7 oz), the FLEPia can display up to 260,000 colors and operate for up to 40 hours on a single charge.	H1
	Sensor Network Technology for Environment Sensing	Demonstrating a novel environment sensor network technology developed for an Internet data center, delivering overall energy savings.	H2
	10Gbps Backplane for Blade Server BX900	Our CMOS transceivers speed up data transmission over backplanes to 10-Gbps (billion bits per second) per lane using only 25% of the power and half the area of previous generation technologies. Fujitsu has applied this technology in its high-performance, high-density, low-power BX900 blade servers to boost data center efficiency.	H3
	Smart Network Technology	Fujitsu's proprietary smart sensor technology enables large-scale networks in which sensors send information reliably and data center applications utilize such information fully. These technologies realize various kinds of services such as visualization of field information.	H4

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D3	TrustCube: integrated authentication for cloud applications
D4	Secure Data with USB Memory Device
D5	WEAVELite: Automatic Web Navigation Checker
D6	Optical network design and modeling
D7	Business Process Visualization and Analysis Technology
D8	Xurch Technology
D9	Unified Sensing Platform for Healthcare
D10	Video Analysis and Retrieval Solution
D11	AIT (Automated Identification Technology) Solution
H1	FLEPia Color e-Book
H2	Sensor Network Technology for Environment Sensing
H3	10Gbps Backplane for Blade Server BX900
H4	Smart Network Technology