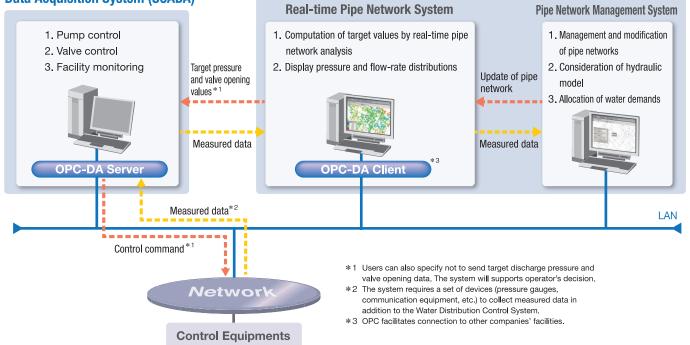
## System Configuration

### **Supervisory Control and Data Acquisition System (SCADA)**

### Water Distribution Control System



## System Requirements

#### **Real-time Pipe Network System**

No.	Item	Specification
1	Operating System	Microsoft® Windows® 7 Professional 32 bit (SP1)
2	CPU Clock	Intel <sup>®</sup> Core 2 Duo 2.0 GHz or higher
3	Main Memory	1.0 GB or more
4	HDD Capacity	8.0 GB free space or more
5	Display Resolution	1,280 x 1,024 (approx. 16,700,000 colors) or more
6	DBMS	Microsoft® SQL Server® 2008 R2
7	.NET Framework	3.5 (SP1)
8	OPC SDK	OPC Core Components SDK 3.00.105.1
9	Languages	English, Chinese, Japanese

#### **Pipe Network Management System**

No.	Item	Specification
1	Operating System	Microsoft® Windows® 7 Professional 32 bit (SP1)
2	CPU Clock	Intel <sup>®</sup> Core 2 Duo 2.0 GHz or higher
3	Main Memory	1.0 GB or more
4	HDD Capacity	8.0 GB free space or more
5	Display Resolution	1,280 x 1,024 (approx. 16,700,000 colors) or more
6	DBMS	Microsoft® SQL Server® 2008 R2
7	.NET Framework	3.5 (SP1)
8	Languages	English, Chinese, Japanese

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Water Distribution Control System **Product Guide** 

# For smart water supply Water Distribution Control System

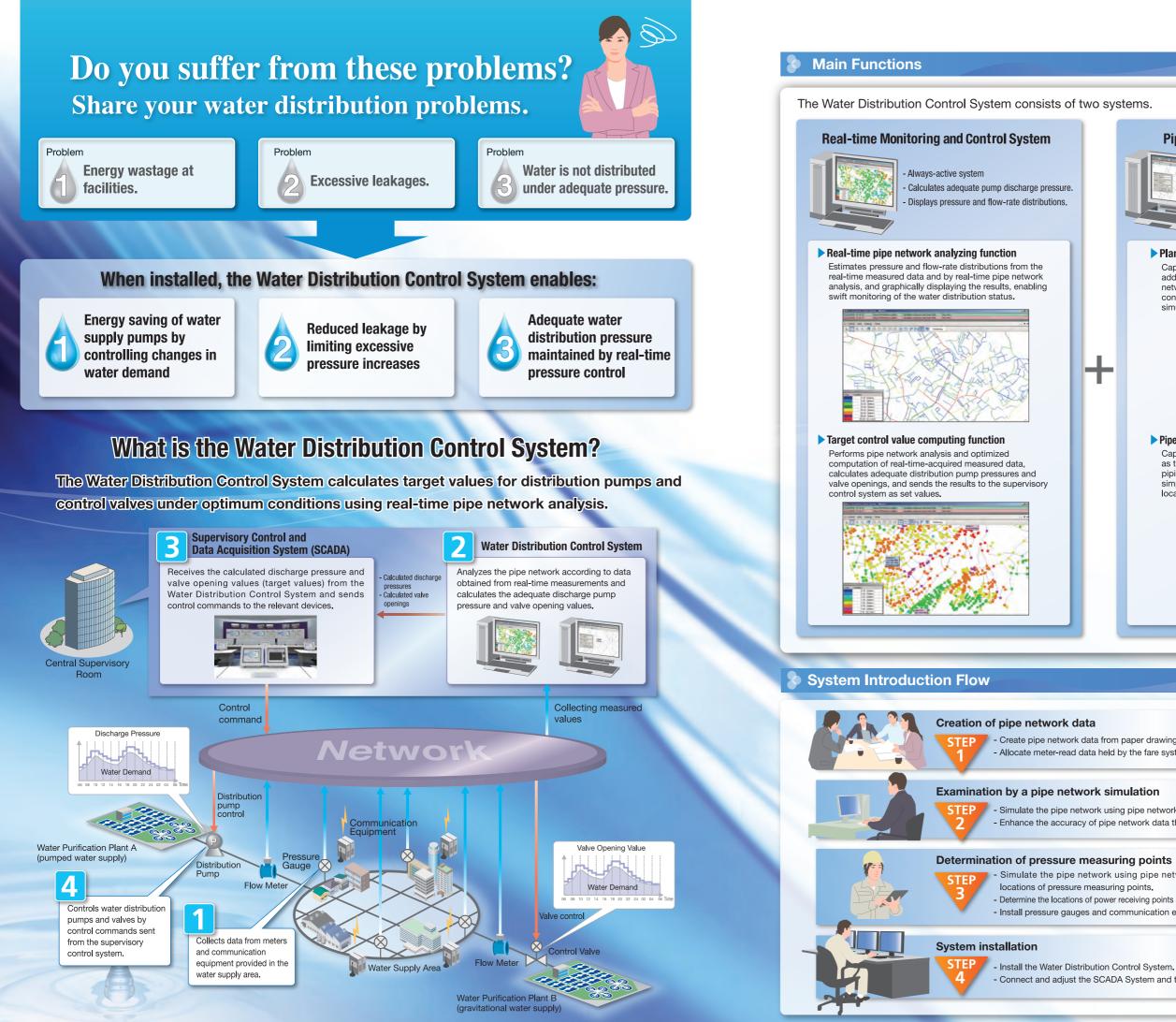
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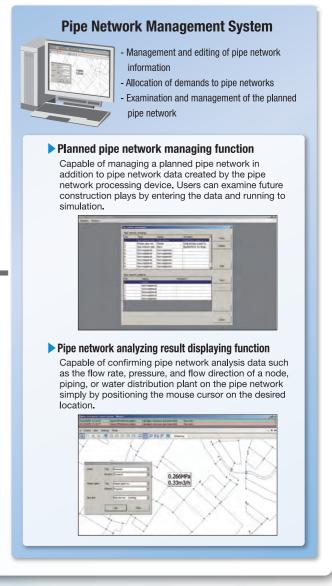
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# HITACHI **Inspire the Next**







- Create pipe network data from paper drawing or GIS data. - Allocate meter-read data held by the fare system (as water demand data) to the pipe network data.

- Simulate the pipe network using pipe network data created in STEP 1. - Enhance the accuracy of pipe network data through dialog with customers and field surveys.

- Simulate the pipe network using pipe network data obtained in STEP 2 and determine the

- Determine the locations of power receiving points and outdoor power distribution boards by field surveys. - Install pressure gauges and communication equipment at the determined locations.

- Connect and adjust the SCADA System and the Water Distribution Control System.