

Yamatake Webcast

1. Introduction

Hello Ladies and Gentlemen. My name is Hisashi Sasajima of Yamatake Corporation. I am Director of Advanced Architecture and Technology, Research and Development Headquarters. I am also working with the Foundation as a Vice President, Fieldbus Foundation, Asia Pacific Operation.

The Yamatake Group is celebrating its 95th anniversary as a leading supplier of advanced measurement and control technology for Process, manufacturing and Building Automation Industries.

Under a major consolidation and reorganization completed in 1998, the Group substantially upgraded its capability to quick delivery of world-class products and services in Process, Manufacturing and Building Automation Industries.



Fig-1

Hisashi Sasajima
of Yamatake Corporation

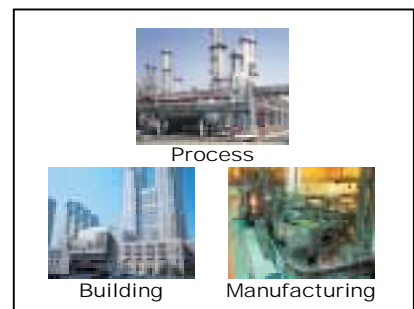


Fig-2

The Yamatake Group is a leading supplier of advanced measurement and control technology for Process, Manufacturing and Building Automation Industries.

Our Corporate Slogan is "Caring for People, Caring for the Earth" guided by the "Savemation" philosophy, saving through automation. Under this concept, we have been pursuing the Fieldbus Technology from the beginning.

Yamatake is one of the funding member of the Fieldbus Foundation in 1994 and has been contributing to the Foundation Fieldbus technology development and marketing promotion for a long time.

We have installed thousands of Distributed Control Systems and Services since 1975 and millions of Smart Field Instruments to the global market.



Fig-3

Corporate Slogan is "Caring for People, Caring for the Earth" guided by the "Savemation" philosophy, saving through automation.



Fig-4

Yamatake is one of the funding member of the Fieldbus Foundation



Fig-5

Yamatake has installed thousands of Distributed Control Systems and Services, and millions of Smart Field Instruments.

2. Digital Era

Sensing, Control and Actuation are the basic elements of Industrial Process Measurement and Control System.

Yamatake has been developing those three elements in all eras of instrumentation including pneumatic, analog and digital instrumentation era.

Those three elements may be freely allocated in the appropriate location. We can freely allocate one function in a single device or multiple functions in a field device.

Foundation Fieldbus technology will provide such freedom to use by specifying digital protocol and Virtual Field Device Model for Flow, Level, Temperature and Pressure measurement and control Devices.

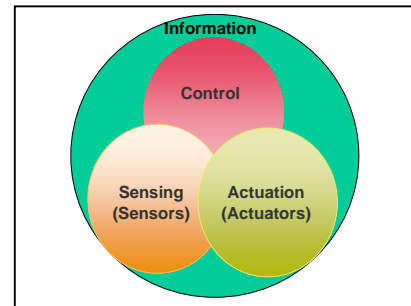


Fig-6

Sensing, Control and Actuation



Fig-7

Functions are allocated one function in a single device or multiple functions in a single field device



Fig-8

Foundation fieldbus technology will provide such freedom to use, by specifying digital protocol and Virtual Field Device Model.

3. Yamatake Product Offerings

The most important value added thing is the content of the information in the devices.

Under such a concept, Yamatake is providing several unique features through Industrial DEO System, "Dependable yet Open System" and smart field instruments.

As a specialist of Control Valves with 70 years history, we are providing remote calibration function, device and process diagnostic functions using Topological Case Based Modeling(TCBM) technology.

4. Commitments

Yamatake will continue for contribution to the Foundation fieldbus developments. We will commit to keep delivering the most optimum solutions to users while improving the fieldbus technology itself as well.

Thank you for your attention.



Fig-9

Industrial DEO System
"Dependable yet Open System"

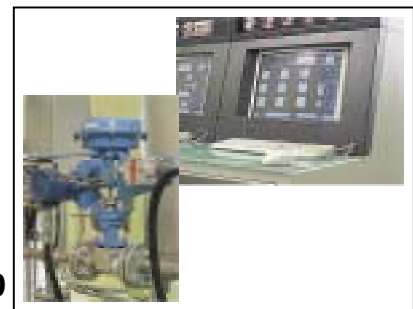


Fig-10

Control Valve Diagnostic using
Smart Devices and Topological Case
Based Modeling(TCBM) technology

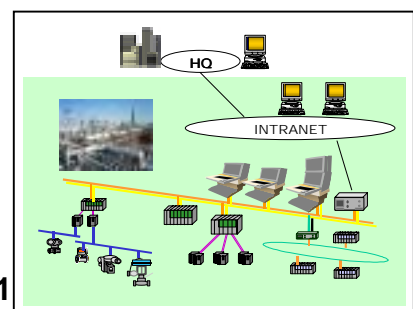


Fig-11

Yamatake will commit to keep
delivering solutions using fieldbus
technology