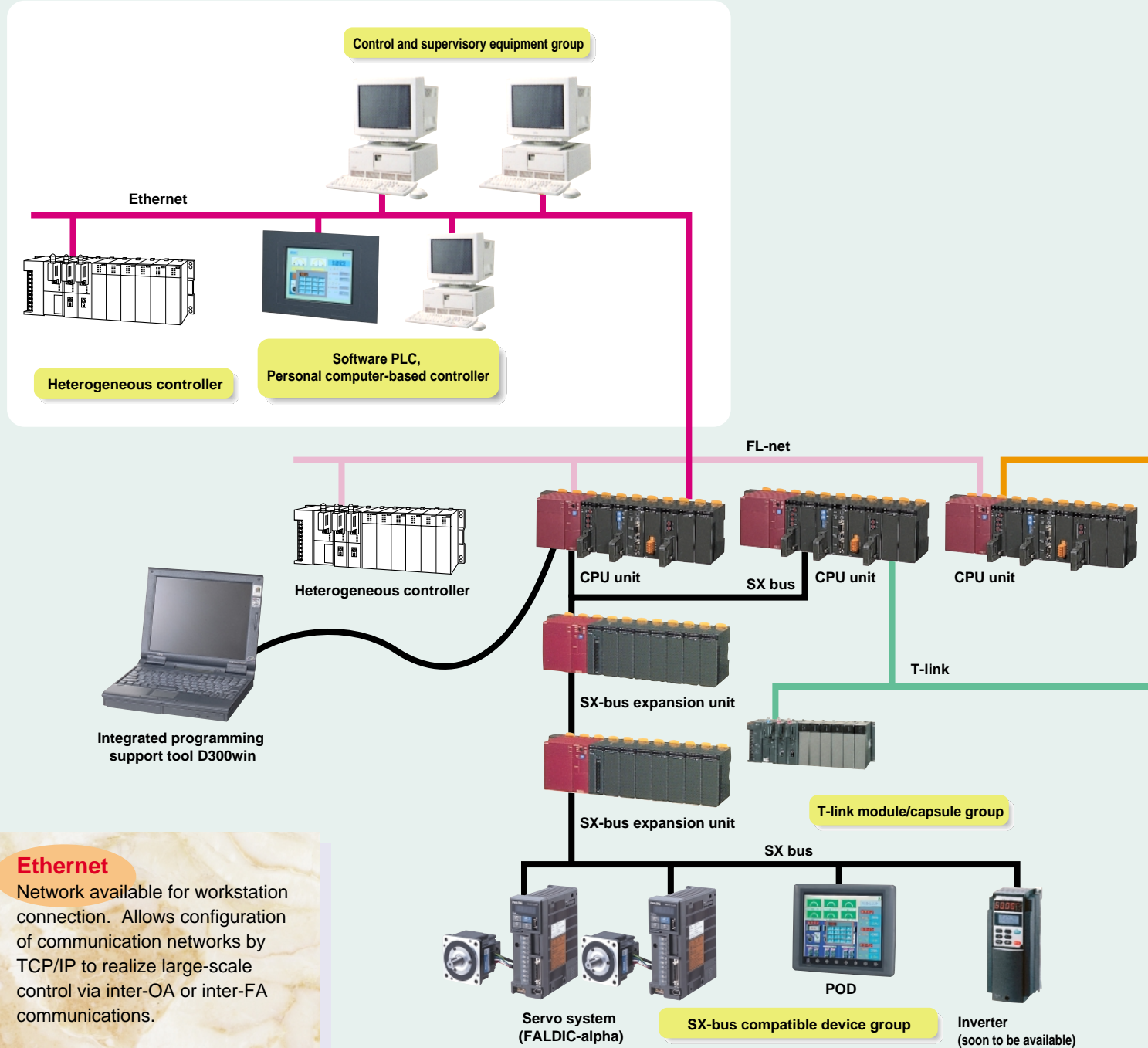


SX Bus and Various Network Systems Will Create A New Age!



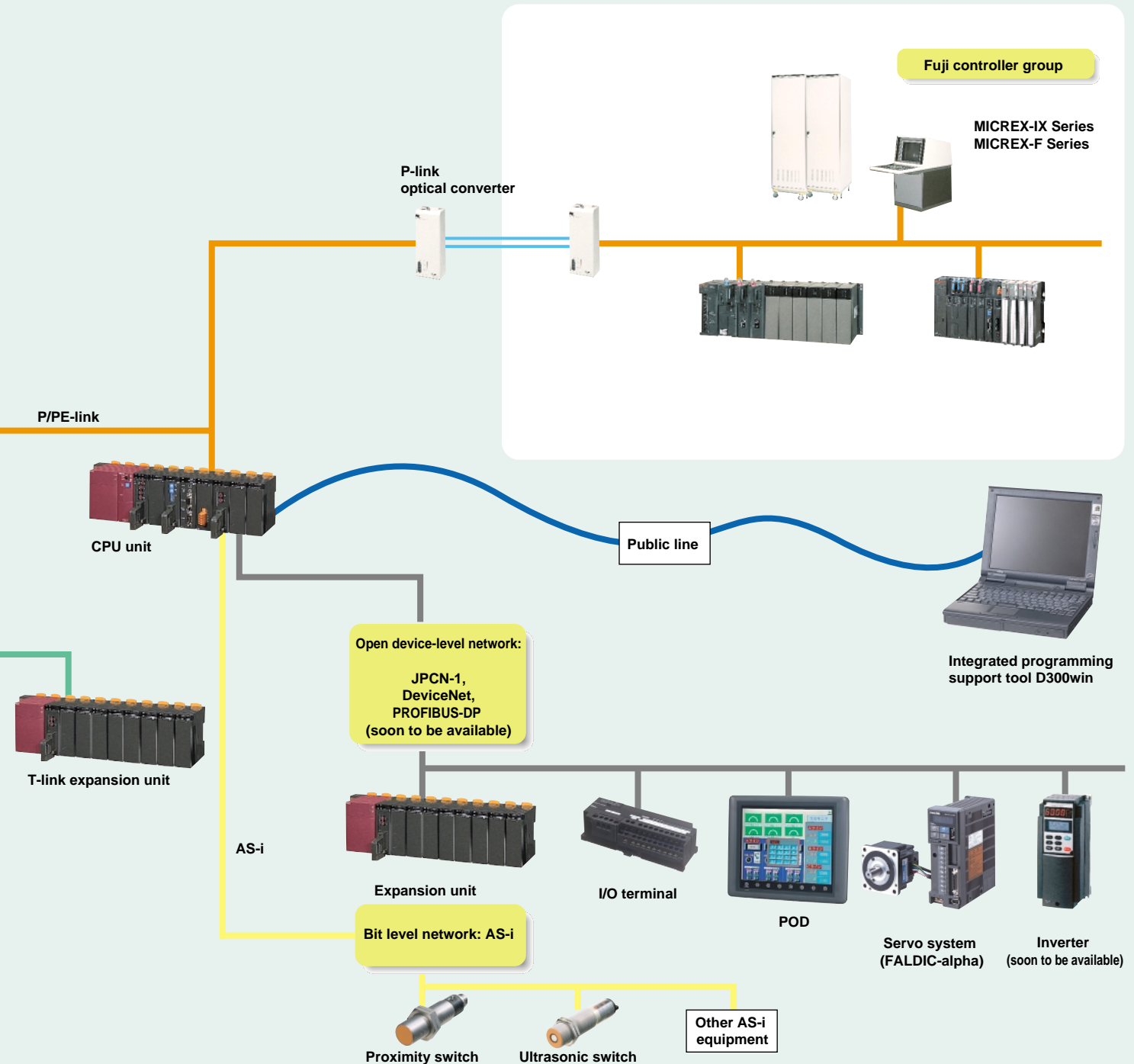
Ethernet
 Network available for workstation connection. Allows configuration of communication networks by TCP/IP to realize large-scale control via inter-OA or inter-FA communications.

FL-net
 Open network at the FA application-type controller level established by the Manufacturing Science and Technology Center and the Japan FA Open Systems Promotion Group. Allows inter-connection with PC, CNC, and robots beyond the frame of a single manufacturer. The communication physical layer employs Ethernet.

P/PE-link
 High-speed, high-functionality, high-reliability FA-dedicated LAN system for coupling between distributed processors. Allows high-speed large-capacity communication with a host computer like an FA personal computer as well as enabling inter-PC data linking.

JPCN-1 (OPCN-1)
 Device-level open network established by Japan Electrical Manufacturers' Association. Allows connection with PC and robots using the same signal line beyond the frame of a single manufacturer, very effective in open system improvement and optimization.

Fast, Distributed, Densely Linked SX bus Enables Seamless Connection of Operation Display Units and Servo Inverter.
 International Standard Conformity and Open Network Compatibility Enhances Open Systems.
 Network System Variety Strongly Backs Up Optimum System Configuration from A Small System With Embedded Machine to A Large-scale Hierarchical Distributed system.



DeviceNet

Open device-level network which facilitates inter-connection of control equipment such as PCs, personal computers, sensors, and actuators. Wiring cost reduction by minimizing wiring, and multi-vendor equipment connection simplify an economical system configuration.

T-link

Device-level network which links I/O signals at high speed between the processor section and the I/O equipment distributed on site. Economically links with various types of FA component groups including servo systems, inverters, and PODs.

AS-i

Bit-level network optimum to distribution of the I/O equipment including proximity switches, photoelectric switches, pushbuttons, and intelligent equipment such as ultrasonic sensors.