NDR

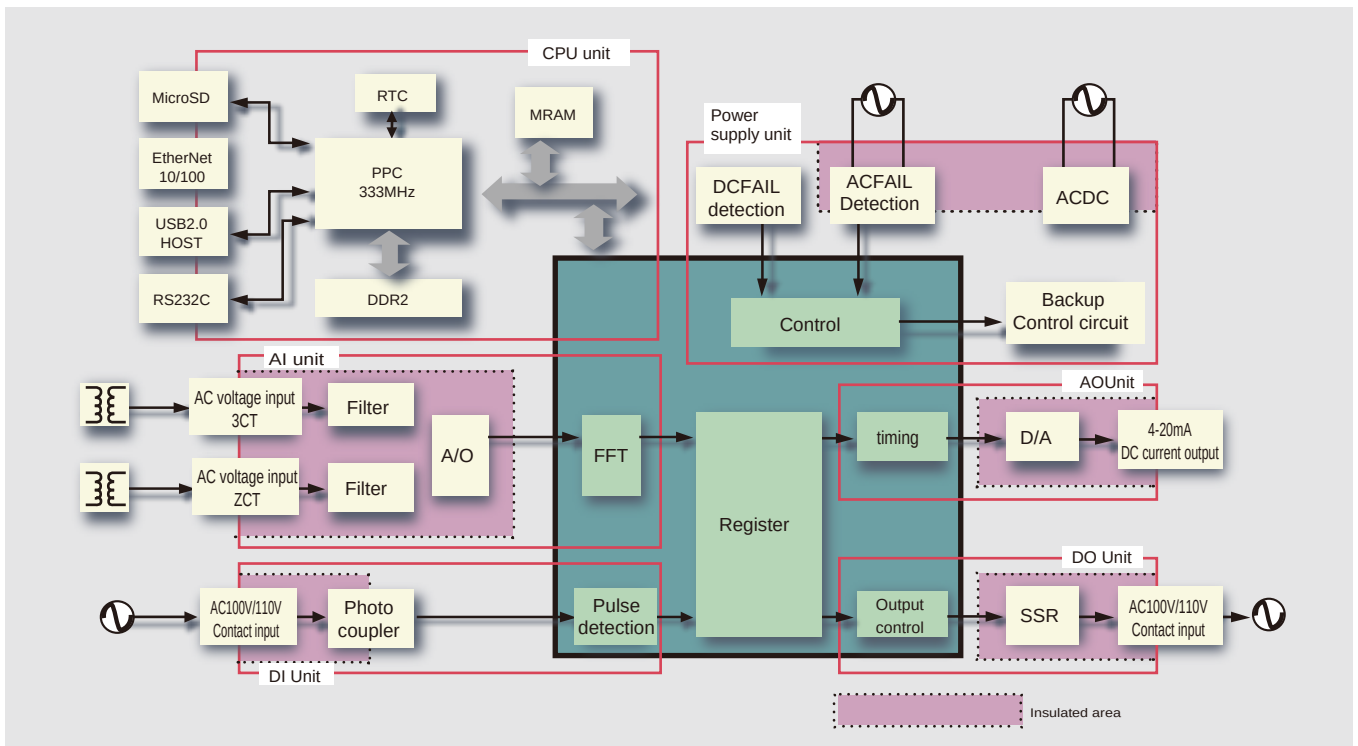| Hardware design + Embedded software + Manufacture of circuit boards + Unitization | Circuit design + FPGA design + Porting + Drivers | Infrastructure facilities |

System development for FA

We have developed both the hardware and software for a data sharing and distributed processing system using Ethernet IP on an industrial CPU unit.

Development

▸ Developed on a conventional industrial CPU unit for which we received the order for both hardware and software

▸ By installing an expansion IO into the primary CPU board, we have implemented multiple types of PLCs and can even support mass production

Features

▸ Data sharing and distributed processing system using Ethernet IP

▸ Using Ethernet IP, we have been able to reduce the wiring between units, and have thus been able to reduce the costs involved in laying the wiring and its maintenance

▸ Considering the maintenance aspect, we have modularized parts with limited service life so that the life of the device can be extended by replacing those parts.

NDR Co., Ltd.