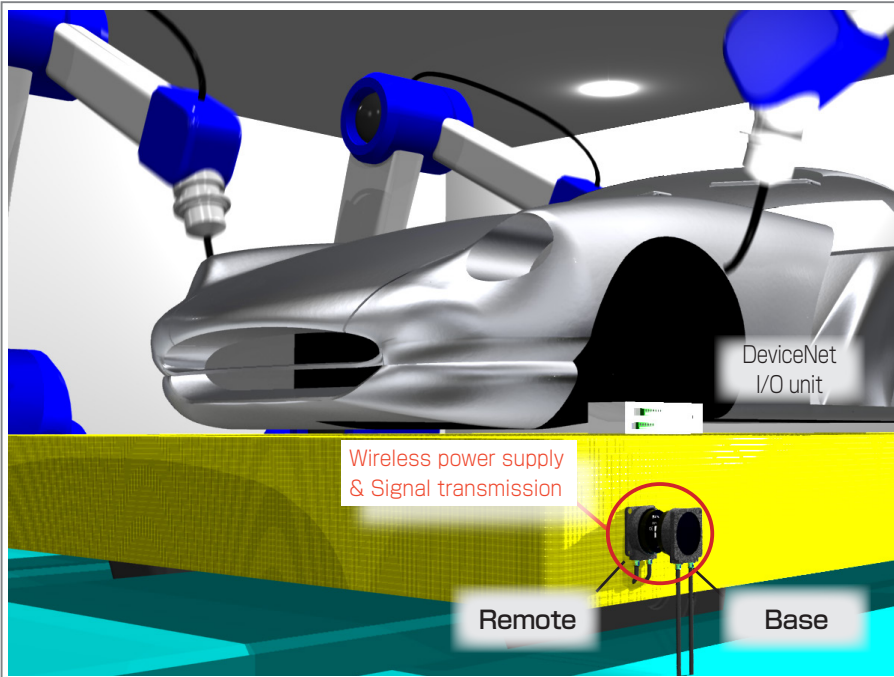


Work confirmation on a pallet in the welding process.



Problems

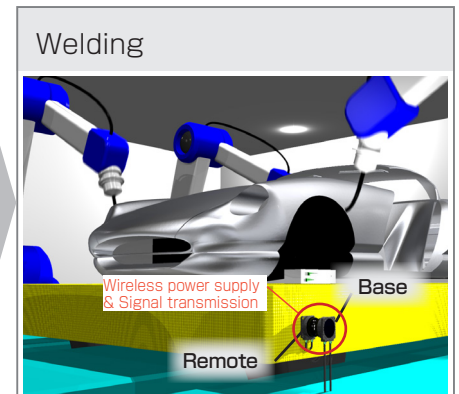
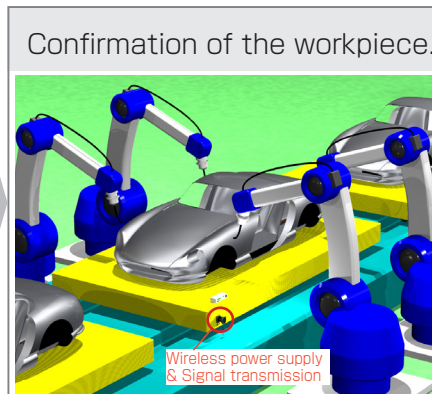
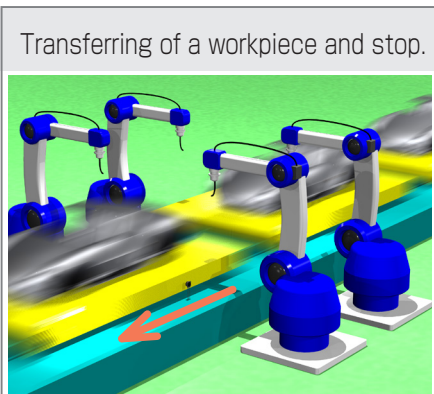
- A customer needed a maintenance for pins of contact type connectors.



Kaizen results

- Becoming automation with no maintenance such as a spatter of interruption.
- Resolution of the connector and the cable breakage because of no physical contact.

Application It is an application that welds a car body on a pallet. There are I/O devices of Device-Net on the pallet, the devices detect the signals of workpiece confirmation on the pallet. Transmitting 24V DC/ 2A + Device-Net signals over a short air gap. Just face the remote sensors, they transmit the power and the Device-Net signals without contact.



Construction of devices

