Electrotechnology and utilities

New technology, automation and a focus on renewable energy has changed the skills needed to work in this field. The water and utilities industries have adopted technology in the form of artificial intelligence used in pipes and dams to monitor conditions and to determine maintenance and service needs. Hard hats and glasses fitted with cameras are examples of how the industry have used existing personal protective equipment to adopt technology in the industry, providing responsive and efficient training and repair solutions. An increased use of technology by consumers, such as adopting home automation and 'smart' technology (e.g. where home appliances connect with remote devices) has increased the demand for this service and changes to the electrotechnology industry.