

How edge computing technology works

1 Data source

Devices capture information about their environment and operation

2 Edge processing

A nearby device filters, analyses and prioritises the relevant data

3 Immediate decision

The system can detect an incident, adjust an operation or alert a team

4 Connection to the cloud

The system integrates selected data into central platforms to analyse trends and improve models

5 Value for people and infrastructure

Greater agility, resilience, operational efficiency and better service

Edge computing combines **local processing power with central systems** to turn data into **useful decisions**.

