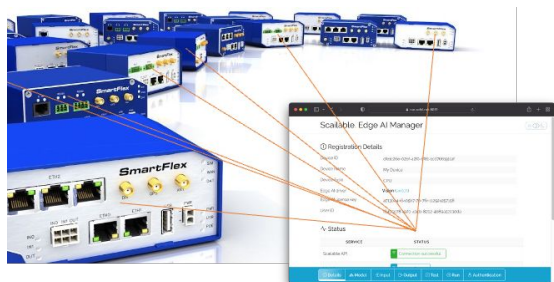


# How to build Edge AI solutions



The Scailable platform enables effortless creation and management of Edge AI solutions with our AI manager, installed on Edge devices, and the Scailable data logger.

## What is Edge AI?

Edge computing implies that much of what we need to compute can be computed "close to the source": we don't need to send all our data to a central cloud since we can move the processing to the edge.

Artificial intelligence (AI) is now applicable in solutions that were impossible to build by hand two decades ago. Now solutions can easily be created by feeding a computer with large amounts of training data.

Combining edge computing with AI gives *Edge AI*: the simple but extremely powerful idea that we can use AI to create powerful solutions that we can subsequently run on the edge of the network.



## Make your solutions smart

The AI manager can, off the shelf, *identify* (true vs. false), *count* (1,2,3), or *locate* (provide a bounding box) for people and objects including: bicycle, car, motorbike, airplane, bus, train, truck, boat, traffic light, fruit and >80 different objects. Additionally, the library supports:

- ANPR (license plate recognition (to string).
  - Emotion recognition
  - Flexible masking and blurring for GDPR purposes
- And you can deploy your own custom AI or Vision models!

### ICR-3xxx series / SR303



- Up to 2 cameras, MJPEG only.
- Networking included.
- Object recognition model library.
- Attractive price point.

Great for making security cameras smart: simple visitor and safety monitoring. Low power usage for mobile solutions.

### ICR-4xxx series



- Up to 4 cameras, MJPEG, H264, etc.
- Networking included.
- Model library w. ANPR, tracking, etc.

Using advanced AI models with multiple cameras. Great for visitor analytics, safety monitoring, and custom models.



## Use cases:

- Security camera **false alarm reduction**.
- Retail and event **visitor analytics**.
- Loading dock **ANPR**.
- Product quality control.

## The Scailable Platform allows for effortless remote model management.

We have a unique model compression method optimized for portability.

