Edge-enabled inventory management and fraud prevention

More and more retailers are turning to edge computing for next-gen inventory management and loss prevention—with edge-connected cameras, POS systems and inventory analytics helping to reduce shrinkage and increase margins.

How inventory management works

1. Leverage RFID connected to edge to keep track of current inventory in real-time

2. Monitor in-store traffic with cameras connected to the edge to identify high-alert areas and enable preventative measures like restocking and markdowns

3. Monitor current returns and purchases with edge-connected POS

4. Deploy fraud alerts triggered by inventory anomalies, as well as regular inventory reports generated from your analytics running on the edge

Potential benefits

- Reducing inventory shrinkage by up to 20%¹
- Improving staff productivity by up to 35%¹

¹ McKinsey retail expert interviews, January 2022