Intelligent supervisor for
print defect detection

DetectAXIS

600 mpm machine speed
for 1300 mm web width

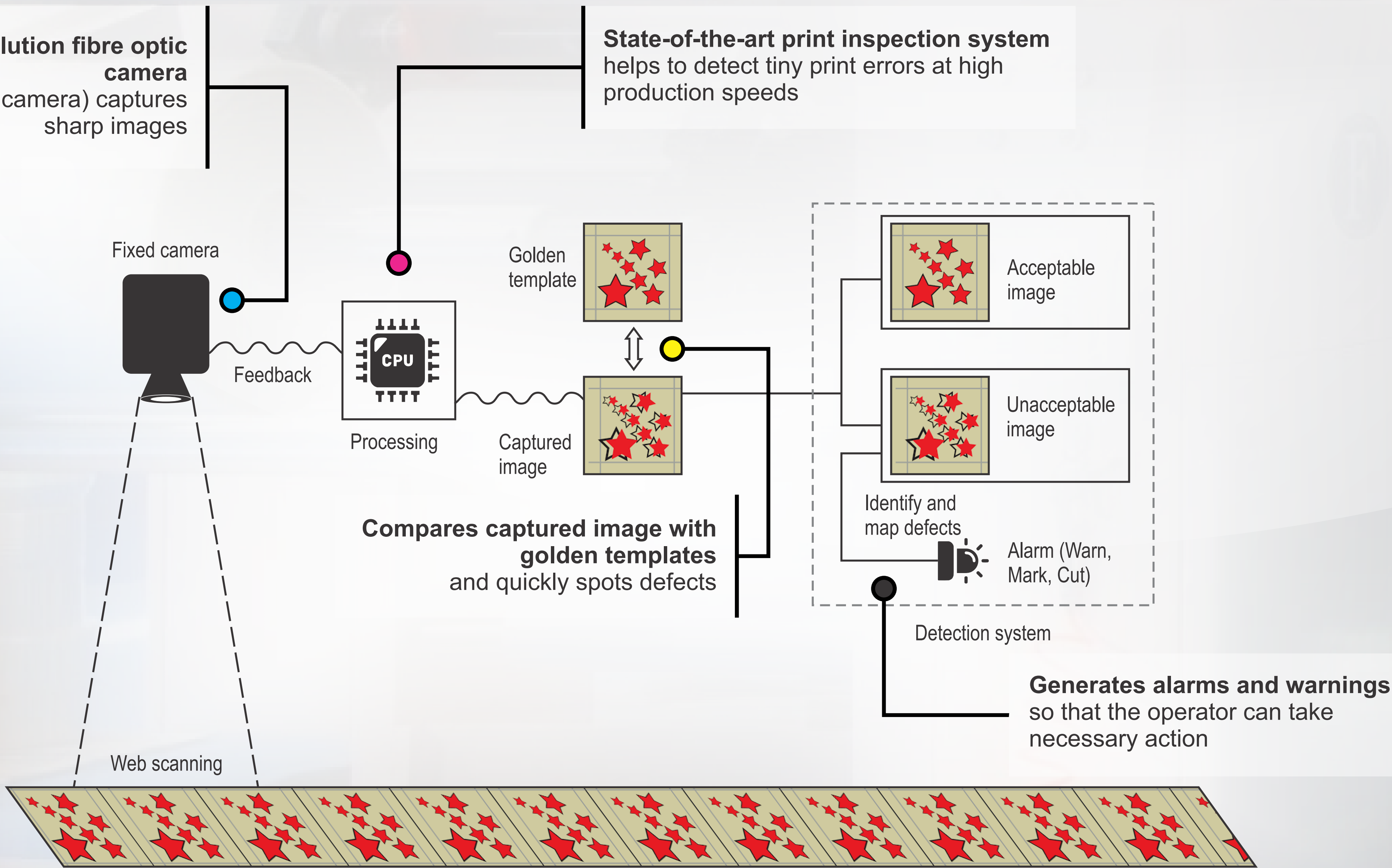### Quick detection of print defects
- Defect snapshot and location identification
- Selected area sensitivity for varying tolerances in print defect detection
- Filter zone to select areas where defect detection is not required
- Roll mapping with rewinder control
- Colour density monitoring

Inspects 100% printed web all the time for following defects:
- Missing print
- Smearing, toning and hazing
- Doctor blade streaks
- Bleeding
- Colour variations
- Drags
- Holes
- Colour fading

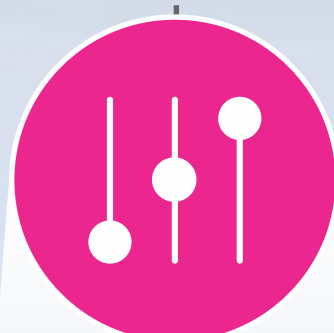**High-resolution fibre optic camera** (line scan camera) captures sharp images

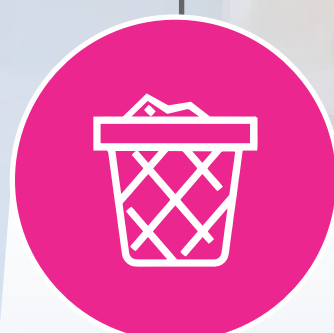**State-of-the-art print inspection system** helps to detect tiny print errors at high production speeds

Fixed camera

CPU

Feedback

Processing

Golden template

Captured image

Acceptable image

Unacceptable image

Identify and map defects

Alarm (Warn, Mark, Cut)

Detection system

Compares captured image with golden templates and quickly spots defects

Generates alarms and warnings so that the operator can take necessary action

Web scanning

BENEFITS

- Precise and efficient web monitoring
- Better image control
- Reduced start-up time and waste
- Reduced material rejection
- Improved productivity
- Easy to operate with intuitive GUI
- Online diagnostics and support