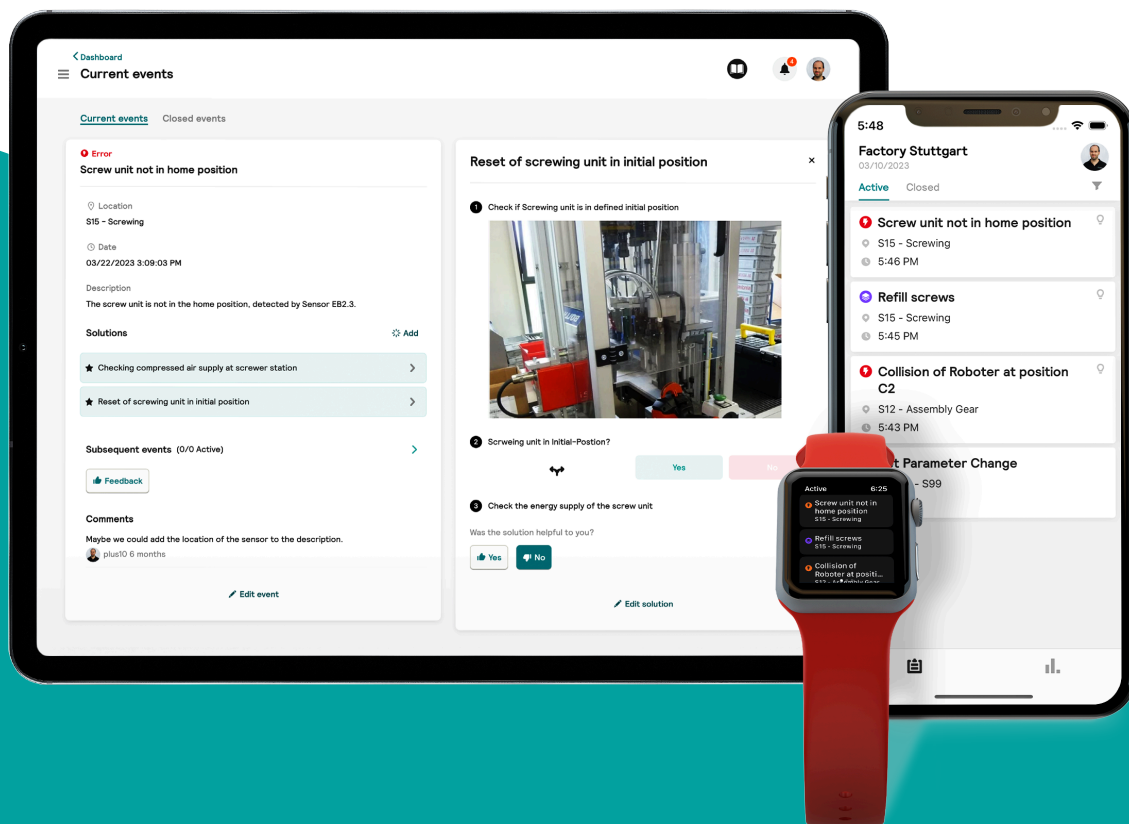


Operational Shopfloor Assistance

Shannon®, the operational shopfloor assistance, provides **situational problem-solving recommendations** for the employees on automated production lines. The tool forms a **continuously operating optimization control loop** based on high-frequency machine controller data. Shannon® provides **contextual and expert knowledge** about problems and their solutions via a mobile app at the right time for the entire shopfloor staff. This significantly reduces downtime and minimizes productivity variation between different shifts.



Real-time localization & identification of errors

Root cause prioritization with situational recommendations

+10% OEE through reduced downtime

Scaling expert knowledge through cross-shift and cross-site sharing

Reduction of ramp-up & relocation phase of production lines by -20%