QR code Equipment Tracking Workflow

Company

A manufacturing company that has several locations where hundreds of employees work on a wide variety of equipment, tools and parts.

Old workflow

The company wanted a way to track their use of equipment at the jobsite when their employees arrived there and completed the work. They had no good way of knowing which equipment was used, how much it was used and what tasks were performed at the job site.
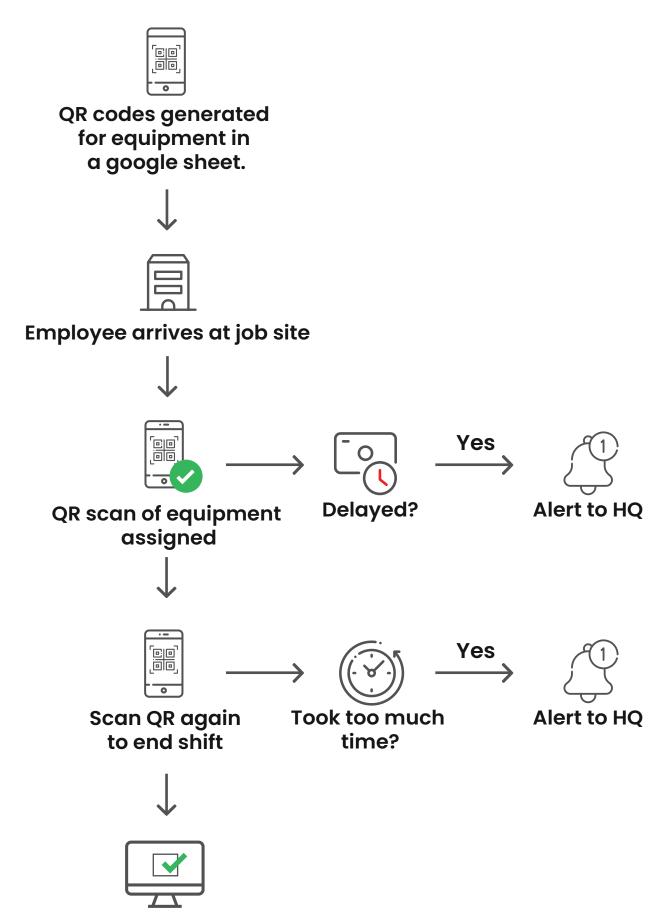
allGeo workflow

The customer's workflow was automated using the allGeo platform. The company uses allGeo's QR code generator to create QR codes for all their assets - equipment, parts and job sites. The QR codes were placed on all the equipment at various job sites.

Field staff install allGeo's mobile app on their phones. Once they are at the job site, the employee scans the QR code on the equipment they are using with their phone and logs attendance and tasks status e.g. start using the excavator, look-up maintenance SLA for equipment on factory floor, record fire & safety inspection for NFPA compliance etc.

The workflow is further automated by setting up alerts based on exception monitoring such as delay in shift start, employee absence, missed task assignment etc.

The HR & Ops manager at the headquarters is able to now generate a proof of work or job status report at the end of each day or payroll period. No more cumbersome paper trail to manage field equipment.

QR codes generated for equipment in a google sheet.

Employee arrives at job site

QR scan of equipment assigned → Delayed? → **Yes** → **Alert to HQ**

Scan QR again to end shift → Took too much time? → **Yes** → **Alert to HQ**

Generate job status/proof of work/ equipment use report/compliance report