



## PlantQuest Case Study

# Biopharma Facility Transforms Business Continuity By Reducing Alarm Response Times by 60%

## Biopharma Facility

### Site Challenge

- Responders spent excess time interoperating complex Fire & Gas drawings and Fire System UI's trying to identify the location of an alarm.
- Due to delays in alarm response, the site experienced unnecessary evacuations and production downtime.

### Solution

- PlantQuest leveraged the sites CAD fire drawings to visualise the 3,000 input devices across the site.
- PlantQuest deployed a solution for responders to quickly view the precise location of an alarming device, alongside intuitive way-finding instructions.

### Outcome

- The site reduced its alarm response times by 60%.
- No unnecessary evacuation has been experienced since the deployment of PlantQuest.
- PlantQuest has removed the requirement and reliance on experienced team members.
- Improved the confidence of ERT members.

### Enhancing Safety and Production Throughput

At the biopharma site, PlantQuest has become a key enabler of safer, faster, and more reliable operations. Before implementation, responders spent valuable minutes interpreting complex interfaces and drawings, leading to delays, unnecessary evacuations, and production downtime. Since adopting PlantQuest, the site has reduced alarm response times by 60%, eliminated false evacuations, and significantly improved responder confidence and coordination.

Beyond alarm response, the site has expanded its use of PlantQuest to include the mapping of CMMS assets and work orders, and the tracking of mobile equipment —bringing previously disconnected systems together into one spatial platform. This unified view not only strengthens business continuity and audit readiness but also enhances productivity and decision-making across multiple workstreams.