

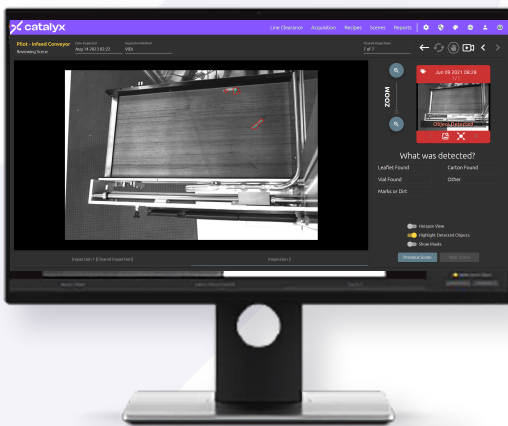
Catalyx Digital Line Clearance Assistant™

Powered by SmartFactory

Digitally transforms the line clearance process to enable clients in regulated industries to deliver compliant products to market with maximum efficiency

Manual Line Clearance Undermines OEE

- **73%*** of Life Sciences professionals experienced one or more line clearance deviations in the previous twelve months, whilst 20% had ten or more deviations in that same period
- **71%*** of professionals said that undetected “rogue components” are the main cause of line clearance failures
- **80%*** of professionals also indicated that their line clearance procedure, for a complete product changeover, is in excess of 60 minutes, whilst 20% stated that their process is in excess of 4 hours



Digital Line Clearance Assistant™

- Reduces inspection times by up to 85%
- Improves quality and compliance with secure repository of evidence
- Full digital traceability of all inspections and operator activity
- Leverages value of existing line investment
- Unlocks world class OEE%
- Supports LEAN, Factory of the Future and Digital Transformation initiatives
- Built for GMP environments with full validation pack and support for 21 CFR Part 11

Transforming Line Efficiency

20%

Capacity utilization improvement possible

~85%

Reduction in line inspection times

3 mth

Return on investment in as little as 3 months

Improving Operational Efficiency

Using digital technology to reduce line changeover times is the single greatest potential for improving line availability: multiple shifts worth of availability can be unlocked by deploying a machine vision system on the line that conducts inspections in milliseconds rather than minutes.

Digital LineClearance Assistant™ uses fixed cameras to assess the line for clearance during a line changeover. The use of technology during the line clearance process dramatically improves OEE%, whilst reducing the time it takes to complete a line inspection by up to 85%, when compared with human observation.

Digitally transforming the line clearance process releases up to 20% capacity utilization as the digital line clearance technology automatically highlights the areas where rogue components are detected, saving the operator a significant amount of time during the line clearance process.



Improving Compliance

Digital LineClearance Assistant™ supports compliance with 21 CFR Part 11 and EU Annex 11. The system builds a bank of evidence each time a line clearance is completed, providing assurance that visual inspections of the line have been conducted correctly.

The digital system allows for full traceability of all inspections and operator activities. Digital LineClearance Assistant™ supports achieving compliance by implementing controls to protect the data integrity. Deployment of the system into GAMP 5 environments can be carried out rapidly and risk-free, as a full software validation pack is provided with the system.

Improving Health & Safety

The digital system reduces the health and safety risks to the operators working on the line. Fixed cameras eliminate the requirement for operators to reach high, hard-to-reach areas, carry out “blind” checks and examine low light and dark areas. Our patent-pending technology can detect irregularities that the human eye would not perceive .

Ready to get started?

Get a demo or speak to an optimization expert today

*Source: Survey conducted by Catalyx in late 2022, amongst global Life-Science professionals.