

TRACE ENGINE



Experiencing a major defect or recall at your plant isn't a question of if it will happen, it's a question of when. Not until a major incident like this occurs do most manufacturers realize the importance of having an accessible record to trace back the origin and creation date of their products.

With Leading2Lean's Trace Engine, you get a complete genealogy of any product, component, subcomponent, or base material that touches your floor, at every stage of production.

The bottom line is, when an incident occurs, you're prepared to quickly track down the right data to fix the situation and get production back on track.

Notifying and enabling your personnel to take the right action based on factual data is one of the most critical steps in the event of an error. The Trace Engine arms your employees with the full perspective and necessary tools to accurately identify problems when they happen.



FEATURE SETS

Queries

- Trace origin and lifecycle of any component, subcomponent, or base material
- Trace products whereabouts upon arrival, during production, and post production
- Avoid large database queries that deplete resources for hours or days
- Easy navigation allows quality engineers to run queries instantly and frequently
- Save time and effort of IT department running ongoing reports to chase down defective product
- Drill down as deep and far back into production as needed
- Run large queries against similarly produced products

Containment

- Containment by serial or part number, machine, time of day (hour/minute)
- Place a hold on faulty/defective components and subcomponents to prevent further contamination
- Confidently track down defective product out in the field with our advanced search capabilities

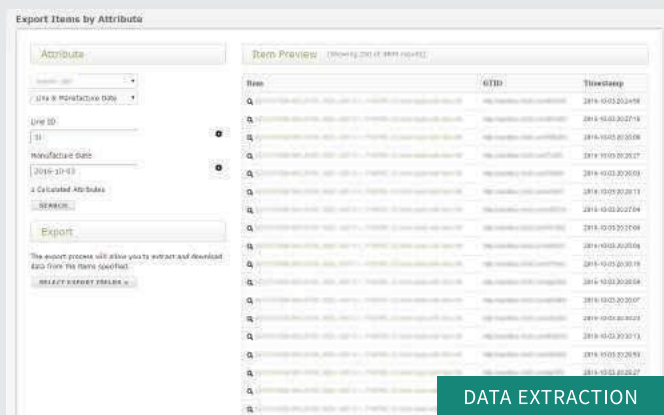
Alerts

- Custom notifications to workforce raise instant awareness to identify and contain suspect material
- Alert anyone on the floor with a desktop or mobile device

REPORTING

Getting to the bottom of a defect or contamination can be a lengthy process and often yield inconclusive results due to inaccurate or missing data from human inputs. When using the Trace Engine, you've got instant access to critical genealogical data and reports right at your fingertips.

- Instantly view genealogy tree of products in a visual breakdown
- Real-time product chronology to identify the first instance and full duration of an error
- Variety of reports, including; defect pareto charts, trend charts, inspection takt time, and more
- Search by lot or serial number on any component or subcomponent
- Historical data securely stored and backed-up on Eleven9s infrastructure
- Long-term data storage up to 20+ years



DATA EXTRACTION

EASE OF USE

Often times, advanced technology solutions require hours of training and hands-on experience in order to fully utilize their capacity and features. We designed our interface so everyone on your plant floor can easily begin using our system and inspecting in a matter of minutes.

Notwithstanding its ease of use, our system delivers greater insight and more actionable results than others because of the way your floor teams interact with it. They view our system as a tool, not a task, which results in more engagement and proactive thinking on their part.

INTEGRATION

All CloudDISPATCH engines are web-based with no installation required, and with a fully-functioning API, can be integrated with other systems such as ERP, MES, EAM/CMMS, MOM, and more. All Engines are fully integrated to CloudDISPATCH to allow full capability in MES/MOM and EAM/CMMS.

With our web-based platform, new features and utilities are automatically made available while you work, allowing you to have uninterrupted access to all your critical data and reporting, including bi-directional integration of spares consumption and quantities.

For manual integration, CloudDISPATCH provides a seamless process for upload and import of data.

TRACE SUMMARY



CloudDISPATCH

The CloudDISPATCH platform works hand-in-hand with all of the Leading2Lean Engines. These engines are interoperable with one another to deliver a comprehensive solution to all facets of manufacturing and help you achieve the highest in operational excellence.

Together, Leading2Lean Engines bring to light the true performance of your site operations while engaging and empowering your workforce. Ultimately, transforming passion into profits, one truth at a time.