

# 360° Traceability

Offers complete and accurate reporting of the entire production process.

## Your Challenge

Having a complete history of everything that happened to a product during production is no longer an option for today's electronics manufacturers. Since many customers today have strict auditing requirements, you need to deliver proof of the quality of the products you assemble. In order to meet these stringent requirements, you need reports with precise details of the entire manufacturing process.

## Our Solution

Our Traceability application equips you with complete and accurate material, product, and process reporting. Every element of the production process is recorded – **who** touched the product and **when** it was in process, **what** operations it went through and **how** that process transpired, **what** materials were used and where they came from – showing customers why they can trust in the quality produced. You can rest assured that you'll have accurate traceability reporting for every PCBA you manufacture.

**“Traceability is a fundamental tool to keep costs low and remain competitive...It's like an all-round insurance you will use systematically to overcome difficulties, reduce costs, and find ways to improve.”**

Technical Advisor, Uartronica



# Benefits

## Facilitates Compliance

For quality stringent industries, such as medical (ISO 13485), automotive (TS 16949), and military (AS 9100), our traceability solution helps you meet their requirements.

## Improves Satisfaction

Printable reports to share with clients detailing precisely what happened to a PCBA in production.

## Simplifies Product Recalls

In the case of a recall, you can quickly identify impacted units in order to greatly reduce warranty costs and keep your brand reputation intact.

## Enables Smart Actions:

Immediately identify the source and scope of a quality issue in order to take corrective actions right away.

## Searching made simple

Search for PCBAs populated with specific materials based on date code, lot, supplier, etc.

# Features

## 1 Material Traceability

Tracks and records all materials used in the production process including components, consumables, and special tooling. Detailed information, such as supplier, lot code, date code, and MSD requirements are recorded for each product ID.

## 2 Product Traceability

Records all product-level traceability for each board ID including product and work order information, start & end times for each operation, the type of operation, as well as available operator details.

## 3 Process Traceability

Tracks and records all process-related settings and parameters. Includes detailed information such as program name, temperature settings, inspection results with defect codes, and measured test values.

## 4 Rapid Reporting

Easy to use reporting feature allows users to quickly pull traceability records for individual products. Filters and optional drill-down features allow users to quickly identify all impacted products populated with suspect components.

## 5 Configuration Options

The flexible installations of our solution means we can trace as much or as little of the production process as desired.

**Co-NECT:** Used in conjunction with our Co-NECT platform, collecting machine traceability data for machine processes is collected automatically.

**PFC:** For machines with limited scanning capabilities, you can integrate with our PFC to scan and share serial number information.