



The ESE Solution for Agriculture



SourceTrace Systems' eServices Everywhere™ (ESE™) provides agriculture operations—including coffee, milk, mangoes and sugar—a complete flow-of-goods, transaction and certification solution, from field to market. Now you can track supply chains at the source—even in remote, low-bandwidth environments.

With SourceTrace's ESE, you can:

- Maintain **up-to-the-minute visibility** of your global supply.
- Know your upcoming harvest volume and equipment needs.
- Process information in **real time** instead of daily or weekly.
- Reduce operational and IT costs.
- Ensure financial transparency.
- Adapt to any process or operation.
- Attract suppliers by receiving and paying for raw products more efficiently.
- Increase farm cohesion: Encourage farmers to sell within the cooperative.
- Maintain reliable, always-available service through back-office and global field support.

Features

- On-demand, hosted, web-based ASP model provides **360° visibility of transactions and supply chain data** from sources around the globe.
- Conveys **real-time data**, wherever, whenever.
- **Streamlines** administrative tasks and provides powerful analytics.
- **Customizable** for any market, crop or process.
- Integrates with any back-office system.
- Works with all standard mobile devices.
- Scalable and robust.
- Tracks products, traces payments and automates records.
- Robust architecture, high fault tolerance; optimized for low-bandwidth environments.
- Industry-leading enterprise software integration expertise, with successful deployments around the world.



Track crops and deliveries in real time using Google Earth. Take advantage of detailed data reporting and analysis.

F.J. Orlich
& Hnos. Ltda.



ECOM Agroindustrial Corporation Ltd.

Coopetarrazú R.L.

Customers across Latin America rely on ESE.



Products

ESE™ Receiving Station Module

Automates agricultural shipment transactions at the point of reception via mobile phones, point of sale devices and other wireless units. Transmits data from remote locations through any available network to your central offices, using ESE Remote Software.

Provides up-to-the-minute data visibility, including reports on productivity, crop quality issues, yield rate and product characteristics by farm/supplier.

Can be adapted to any crop: Coffee producers, for example, can break delivery transactions down by ripe, green, mixed, conventional or organic beans.

Also:

- Makes your yield and delivery flow highly visible
- Ensures complete financial transparency
- Provides visibility and reporting for all stakeholders

ESE™ Certification Module

This module's consolidated, customizable certification schema cover major certifications such as Starbucks CAFE Practices, Organic, Fair Trade and Rainforest Alliance. It

includes digital documentation and key e-forms.

Constantly updated reporting features allow you to survey new producers for key data, farms and production units in preparation for regular certification audits. The most complete certification software available; provides substantial cost and time savings by automating detailed administrative tasks.

ESE™ Agricultural Processing Module

Automates the capture of valuable information 24x7x365 for all your light industrial processes. For example, this module helps coffee companies by:

- capturing key cupping indicators and values.
- allowing coffee processors to monitor the drying process remotely from anywhere in the world with a full range of data.
- enabling a cooperative to detect and immediately correct operational or temperature problems during the drying process.

The Agricultural Processing Module also generates sophisticated, targeted reports.

The ESE Platform

The ESE suite consists of four applications. Each application is designed for low-cost operation with a minimum of IT overhead, yet is easily customized to meet the demands of any agricultural market or practice.

ESE™ Designer

- Web application to customize ESE transactions and UI
- Add new transactions, products and services in hours or days instead of weeks or months
- Change transactions without touching program code
- Dramatically reduce costs and time to market

ESE™ Server

- Mediates between handsets and back-office databases
- Provides complete transaction visibility: reports, analyses and audit trails
- Five 9s uptime
- 360° visibility of data
- Maintain data integrity both remotely and centrally with advanced rollback techniques
- Configure devices, transactions and users via the Web
- Set authentication at a per-transaction level
- Fully integrated with Google Earth™ for real-time location and geo-transactional information

ESE™ Remote

- Runs on regular phones, smart phones, tablets, kiosks, POS terminals, PDAs and laptops deployed in the field
- Designed to run in low-bandwidth environments
- Integrates peripherals including biometrics, smart cards, GPS, barcodes, digital image capture and more
- Manage remotely with industry-standard security protocols

ESE™ Adapter

- Interfaces ESE with 3rd-party systems using both standard and proprietary protocols
- Processes in real time online and in batches offline software without touching program code
- Schedules tasks and sets business rules independently for each 3rd-party system