

Overview

AMIS-Tobacco is a web-based, fully integrated Agriculture Management Information System which records and reports tobacco crop production activities throughout the crop cycle, beginning to end, seed to bale. In addition to an Internet connection, all that is needed to use **AMIS-Tobacco** is a standard web browser and PDF (portable document) viewer, which come installed on almost all computers.



Transparency, Traceability and Accountability

AMIS-Tobacco was developed with transparency and traceability in mind. As international regulations grow stricter, tobacco product manufacturers demand more detailed information from their suppliers. **AMIS-Tobacco** enables traceability by bale, to individual farmer. Receipts of fertilizers and chemicals issued to each farmer are recorded. The barcoded bale ticket number provides an accurate account of the weight, grade and variety of tobacco sold by each farmer.

AMIS-Tobacco provides protection from fraud. Statements generated at the end of each crop year declare the cost of inputs received, the value of tobacco sold, and the balance owed to each farmer – no more, no less. Anomalies indicative of side-selling can be detected by comparing field size and expected yield to actual sales. The barcoded bale ticket allows identification, by individual farmer, of mixing, nesting and presence of NTRM (non-tobacco related materials).



Benefits of **AMIS-Tobacco**

- Verifiable compliance with international regulations raises product value, increasing sales
- Transparency assures fairness, giving confidence to fund, buy and sell crop product
- Up to date reports allow to-the-minute awareness of farmer registrations, inputs, and sales
- Make decisions faster: web-based system can be accessed anytime, anywhere
- Data stored remotely cannot be misplaced or tampered with



Part of an Integrated System

AMIS-Tobacco is fully integrated with the following components:

AMIS-Connect brings the benefits of **AMIS-Tobacco** to the field. Farmers can access the **AMIS-Tobacco** system with ordinary mobile phones to obtain prices of inputs and grades, and to view their statement balance. Using the Communications Center, stakeholders can transmit bulk SMS alerts to all, or selected groups, of their contracted farmers.

AMIS-Agronomy is the agronomist's compliancy component. Agronomists can record accurate field measurements. All activities and data gathered relating to Good Agricultural Practices (GAP) and Social Responsibility Program (SRP) can be recorded for each farmer visited, to include Child Labour, Trainings and Reforestation efforts.



Reports, Reports, Reports

AMIS-Tobacco provides reports on demand, available in levels of detail ranging from individual to summary, national to local. Charts and graphs allow quick, visual overviews of farmers registered and tobacco sold.

Available reports include:

- Farmer registrations
- Inputs receipts
- Sales and production
- Inputs and grade prices
- Farmer statements
- And many more....

New reports are added regularly as **AMIS-Tobacco** evolves to meet changing and increasing needs.



Information Technology platform

Hosting and internet connectivity

Under 24/7 management, **AMIS-Tobacco** is collocated in an Equinix (www.equinix.com) world-class International Business Exchange (IBX®) data centre. Equinix provides a secure, resilient hosting environment in terms of physical space, power supply, heating / ventilation / air-conditioning (HVAC), and meets SAS 70 Type II compliance for colocation and data centre services. Business internet connectivity services are provided by Internap (www.internap.com). Internap's Private Network Access Point (P-NAP®) architecture harnesses the power of multiple internet service providers to deliver optimized, reliable and predictable performance.

Fully Scalable: The system is dynamically scalable to provide for increases in the number of users, data volumes and system processing requirements. Uses industry-standard "LAMP" stack. The software has been developed using world-class open-source industry-standard IT products and tools.