Codec Networks
Coding Threats. Decoding Solutions.

AGRICULTURE & AGRITECH CYBERSECURITY

Protect every harvest.

IoT and platform security, privacy, payment integration testing and cloud assessments for agribusiness, agri-input, farm IoT, marketplace, warehousing, agri-credit and FPO platforms.

Three questions every agriculture and agritech leader should be able to answer

If ransomware struck in harvest week, could we still buy, weigh, store and pay for crops?

Segmented networks, MFA, offline-tested backups and a rehearsed response decide whether an attack costs hours or the whole season.

Does every payment callback and payout we make get verified before money moves?

Signature checks, server-side reconciliation and replay protection decide whether a forged message becomes a loss or a logged attempt.

Where is our farmer, land and borrower data, and who can reach it today?

A data map, private-by-default storage, vendor clauses and DPDP-aligned retention decide whether a misconfiguration stays private or becomes a breach.

10.31 crore
Farmer IDs under AgriStack (Aug 2026)

1,656
Mandis linked to e-NAM

9.44 crore
Farmers paid PM-KISAN in June 2026

6 hours
Incident reporting to CERT-In

Built for every link in the agriculture value chain

Agribusinesses · seed and agri-input companies · precision farming and farm IoT providers · agritech marketplaces and commodity platforms · warehousing and agri-credit platforms · FPOs and cooperatives.

The rules that drive your security calendar

Instrument	Key cybersecurity expectations
Digital Agriculture Mission · AgriStack (2024–2027)	Farmer IDs, crop survey, approved data use
CERT-In Directions · RBI lending rules (2022–2026)	6-hour reporting, logs, audits, digital loans
DPDP Act · WDRA · Seeds Act (1966–2027)	Farmer data, warehouse receipts, input records

WHAT WE DO

IoT, platforms, payments, privacy, cloud and SOC

Farm IoT & Drone Security
Sensors, gateways, controllers, telematics and drone platforms.

Platform & API Testing
Marketplaces, farmer apps, lender and AgriStack integrations.

Payment Integration Testing
Gateways, UPI, callbacks, settlement, payouts and DBT flows.

Farmer Data Privacy
Farmer, land and borrower data maps and DPDP programmes.

Cloud Assessments
Configuration, storage exposure, identity and recovery.

24/7 SOC & Response
Harvest-season monitoring, CERT-In reporting and forensics.

Choose your starting point

Foundation
App and API security test, cloud configuration review, farmer data privacy check, IR retainer. For agritech start-ups and FPO platforms.

Assurance
Payment integration test, field agent access review, CERT-In empanelled audit, managed SOC. For marketplaces and agri-credit platforms.

Continuous Resilience
IoT, OT and network VAPT, supplier and dealer assurance, ISO 27001 and DPDP, SOC with OT. For agribusiness and input groups.

Why Codec Networks

CERT-In empanelled
for information security auditing services, and empanelled with NICSI for application audit services.

Certified
ISO 9001:2015, ISO/IEC 27001:2022 and ISO/IEC 20000-1:2018.

Regulation-mapped
Every finding mapped to the Digital Agriculture Mission and AgriStack integration terms, RBI's rules for digital lending and Kisan Credit Cards, the WDRA framework for electronic warehouse receipts, CERT-In's Directions and audit guidelines, the Seeds and Insecticides Acts, the Drone Rules 2021, the IT Act, the DPDP Act and your contracts with buyers, lenders and partners.

One connected partner
Testing, audits, SOC, forensics and privacy linked from finding to closure.

Book a scoping session

Share your devices, platforms, payment flows, warehouses, data and obligations. We will propose a practical testing, audit and monitoring plan for your business.

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Regulatory references reflect public instruments as of October 2026; applicability depends on each entity's licence, category and activities. Services support risk reduction and assurance and do not guarantee prevention of all incidents or regulatory compliance. Sources: Rajya Sabha reply on AgriStack (August 2026), PIB on e-NAM (April 2026) and PM-KISAN (June 2026), CERT-In Directions (2022). Confirm obligations against the official instruments.