

AGRITECH DEVELOPER PLATFORM

# NextBusiness Platform

Enterprise ERP & Business Management

for Smart Agriculture

Where Technology Cultivates Growth

[www.cottonextfze.com](http://www.cottonextfze.com)

# The Developer Platform for AgriTech

**NextBusiness Platform** is a comprehensive ERP solution designed specifically for **agricultural technology companies** and developers building smart farming applications.

Build, integrate, and scale your agritech solutions with a platform that understands the unique challenges of digital agriculture, IoT integration, and farm data management.

ARCHITECTURE

**API-First Design**

DEPLOYMENT

**Cloud & On-Premise**

LICENSE

**Perpetual + Source**

## BUILT FOR

- 1 IoT Platform Developers
- 2 Precision Agriculture Apps
- 3 Farm Management Systems
- 4 Agro Risk Management
- 5 Supply Chain Solutions

# Core Modules

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## Agri Data Hub

Sensor Integration • Weather APIs • Soil Data • Crop Analytics • IoT Device Management



## Financial Management

Cost Tracking • Revenue Analysis • Subsidy Management • Multi-Currency • Tax Compliance



## Risk Management

Crop Insurance • Weather Alerts • Market Risk • Durum Risk Module • Predictive Analytics



## Farm Operations

Field Mapping • Task Scheduling • Resource Planning • Equipment Tracking • Yield Monitoring



## Supply Chain

Inventory Control • Traceability • Supplier Management • Logistics • Quality Assurance



## Analytics & BI

Custom Dashboards • KPI Tracking • Yield Predictions • Export Reports • Data Visualization

# API-First Architecture



## RESTful API Framework

OpenAPI 3.0 specs • Swagger docs • Webhook support



## IoT Integration Layer

MQTT • CoAP • Sensor protocols • Device registry



## Extensible SDK

Custom modules • Plugin architecture • Event hooks



## CI/CD Ready

Docker • Kubernetes • GitHub Actions • Azure DevOps

## TECH STACK

SQL Server

PostgreSQL

TimescaleDB

Redis

Docker

Kubernetes

OAuth 2.0

GraphQL

## SECURITY



Role-Based Access Control



API Key Management



Data Encryption AES-256



Audit Logging

# AgriTech Integrations

## IoT & Sensor Networks

Soil Sensors

Weather Stations

Drones

GPS Trackers

Smart Irrigation

## External Data Services

Weather APIs

Satellite Imagery

Market Prices

Commodity Data

## Enterprise Systems

ERP Systems

Accounting

CRM

E-commerce

Banking APIs

## INTEGRATION FEATURES

- ✓ Pre-built connectors library
- ✓ Custom adapter framework
- ✓ Real-time data streaming
- ✓ Batch data processing
- ✓ Error handling & retry
- ✓ Data transformation tools

**50+**

Pre-built Integrations

# Why NextBusiness Platform?

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## Full Source Code

Complete ownership. Customize and extend without vendor limitations.



## AgriTech Ready

Built-in modules for farm operations, crop management, and risk assessment.



## Developer First

Clean APIs, comprehensive docs, SDK libraries, and plugin architecture.



## Eco-Friendly Tech

Support for sustainable farming and environmental compliance.



# Start Building Today

Discover how NextBusiness Platform can accelerate your AgriTech development

Website	Phone	Location
<b>cottonextfze.com</b>	<b>+971 56 902 8693</b>	<b>UAE</b>

**Request a Demo**



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