AGTECH

THE FUTURE OF AGRICULTURE IS HERE

By 2050, crop yield per acre must increase by 70% or more to sustain the planet's projected population growth. Fortunately, disruptive technologies are improving yields, optimizing resources, and significantly increasing ROI. These solutions, tools, and technologies will help companies meet increasing global demand, ensure sustainability, and minimize negative environmental impacts.

AGTECH BENEFITS

DECREASE COSTS

INCREASE YIELD

PREDICT MAINTENANCE

ANALYZE PERFORMANCE

IMPROVE STRATEGIC PLANNING

DRIVE OPERATIONAL EFFICIENCY

STREAMLINE OR ELIMINATE PROCESSES

OPTIMIZE SPENDING AND SYSTEMS

SOFTSERVE DELIVERS SOLUTIONS ACROSS THE AGTECH ECOSYSTEM

For the best results, AgTech must be implemented properly and with a deep understanding of how to drive the best performance possibilities. With SoftServe, you'll have a collaborative partner with extensive experience in big data, AI/ML, image and telemetry data processing, embedded development, and more. Our dedicated global experts can empower your team to make the right AgTech choices and implement the best solutions for your unique business needs.

OUR PARTNERS

aws partner network — Premier Consulting Partner

Gold Microsoft Partner — Microsoft

Premier Partner — Google Cloud

vmware Principal Partner — VMware Cloud on AWS

salesforce registered consulting partner

AGTECH APPLICATIONS

AI/ML

Pinpoints patterns like operational inefficiencies, delivers analysis, and generates actionable insights.

Formulates predictive algorithms for preventative measures.

AGRITECH PLATFORMS

Enables in-field scouting and sample examination.

Tracks and monitors equipment and crop growth.

Provides dashboards and generates reports.

BIG DATA

Transforms data from sources such as satellites, drones, probes, field device telemetry, and agricultural market prices into actionable insights and visuals for strategic planning and decision-making.

BLOCKCHAIN

Creates supply chain transparency utilizing smart contract-based solutions for origin data and the chain of custody.

IMAGERY PROCESSING

Processes satellite field images taken to monitor crop health.

Allows for review and analysis of historical data.

IOT AND EMBEDDED DEVELOPMENT

Builds communication networks using multiple IoT devices and allows remote configuration and updates.

Optimizes energy consumption and battery usage and enhances quality of telemetry data collection.

PROCESS MINING AND ROBOTIC PROCESS AUTOMATION

Captures data on the farming, supply chain, and other individualized processes for optimization.

Increases efficiency using robots to automate repetitive and human-labor-intensive processes.

TELEMETRY GATHERING AND PROCESSING

Monitors real-time vehicle status and geolocation.

Alerts users to critical or dangerous equipment and machinery conditions.

Creates scalable support solutions for thousands of devices and vehicles.

WHY SOFTSERVE

STABILITY

28+
years of award-winning service

EXPERIENCE

10,000
complex projects completed

TRUST

65 NPS
leads the industry

EXPERTISE

100%
Onsite, remote, or hybrid service delivery

LCALABILITY

30% +
Organic CAGR five years running

SCALABILITY

90%
Client retention (many for more than 20 years)

LETS' TALK if you're ready to begin your AgTech digital transformation or optimize your current efforts.