

Driving Digitization and Automation

IT Consulting, System Integration,
Plug-In development, Database Migration,
On Demand Full Stack Customized Software Development

INDUSTRY

- Agri-plantation
- Manufacturing
(Discrete / Process based)
- Retail
- Mining
- Logistics
- Healthcare
- Education
- Hospitality
- BFSI

and many more...

TECHNOLOGIES ➔ SOLUTIONS & SERVICES

- **Web Technologies:** Browser-based ERP (PACE, PACE360), Payroll, CRM, SCM; many web-based applications (e.g. DMS, ECM, Workflow Management); different portals
- **AI/ ML:** Usecase-based on-demand solutions
- **Computer Vision:** Blueeye, TORK. Safety, Security & Surveillance-related solutions
- **IoT:** SIM 4.0 (Factory Automation)
- **RPA/ Bot:** MyPA (Manual Process Automation)
- **BA/ BI:** Power BI, Tableau
- **Cloud Computing:** AWS-based solutions
- **Mobile Technology:** Several Apps
- **RFID/ Barcode:** Inventory/ Asset Tracking, Warehouse Management
- **Open Source:** Several On-Demand Solutions
- **Geographic Information System (GIS):** Usecase-based on-demand solutions

Integration with different hardware and software. Add-on development on top of SAP or any other ERP, CRM, HRMS, PMS solutions.
IT Infrastructure, different IT security solutions and many more...



SOFTWEB AT A GLANCE



- Over **80+** skilled professionals
- Serving clients for the last **23** years
- Offices in 2 countries with **Partners across the Globe**
- Executed over **3000+** projects
- **50+** IT Solutions for **20+** industries
- **100 Thousand+** Users are benefitting
- Clients in **12** Countries
- Assisting our **global partners** to achieve their goal as offshore development centers (**ODC**)
- Execute several **Government and Private (Corporate) Projects in collaboration** with other IT Partners

GET IN TOUCH

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Empowering Agri-Plantation with IT

AGRI-PLANTATION (TEA, COFFEE, RUBBER, PALM OIL AND OTHER CROPS)

TEA



BULK TEA PRODUCER

having estate & factory



BOUGHT LEAF FACTORIES

Buy Green leaf and produces Tea



PACKET TEA SELLER

Buy bulk Tea, Blend, Pack & Sell

SMALL GROWER MANAGEMENT / COOPERATIVE MANAGEMENT

Grower authentication & Collection of Leaves (Qty) automatically using Bluetooth enabled weighing scale



Managing distribution of Inputs (*seed, fertilizer, loan, advance etc.*) with digital validation (facial recognition technologies)



Logic based payable calculation considering Tea leaf collection & distribution of inputs plus other parameters (if any)



Digitally validated (facial recognition technologies) cash disbursement system



SOFTWEB BLUEEYE + PEST CONTROL & MANAGEMENT

PACE MODULES

- Worker's Payroll (*incl. Contract Workers*)
- Payroll for Executives
- Purchase & Inventory
- Production [*For Bulk Tea*]
- Financial Accounts with Statutory Compliance
- Budgeting, Variance Reporting, Monitoring & Control
- Sales Management [*Domestic & Exports*]
- Cultivation & Field activity tracking (*Agronomy*)

- Census [*integration with Garden Payroll (Ration)*]
- Pest Control & Management*
- Fixed Asset
- Plant Maintenance
- Document Management*
- Fleet Management with weighbridge integration
- Bulk Tea Blending & Packing and Sales [*FMCG*]
- Management Dashboard

* Terms & Conditions apply

PACE

Plantation Administration in Critical Environment & powerful Dashboard, On premise / Cloud based ERP to run Estate-Factory-Head-Office operation paperlessly & seamlessly.

PACE 360

On premise / Cloud based ERP to run Packet Tea business paperlessly.

BLUEEYE

Computer vision, Machine Learning, Facial Recognition technology based Attendance System & powerful Dashboard.

MI-DINERO

Smart Wage Disbursement with digital validation.

CHAI BAZAR

Online auction/ Bidding platform for Tea sales.

SIM 4.0

Smart factory solution to measure & monitor Tea Manufacturing processes, overall equipment efficiencies & other KPI's.

MYESTATE

Mobile app to monitor Realtime or on demand cultivation related information.

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Farmer/ Field Management Made Easy & Efficient



Self generation of Pay-slip



**Digitally validated (facial recognition technologies)
CASH DISBURSEMENT SYSTEM**



Managing distribution of Inputs
(seed, fertilizer, loan, advance etc.) with digital validation
facial recognition technologies

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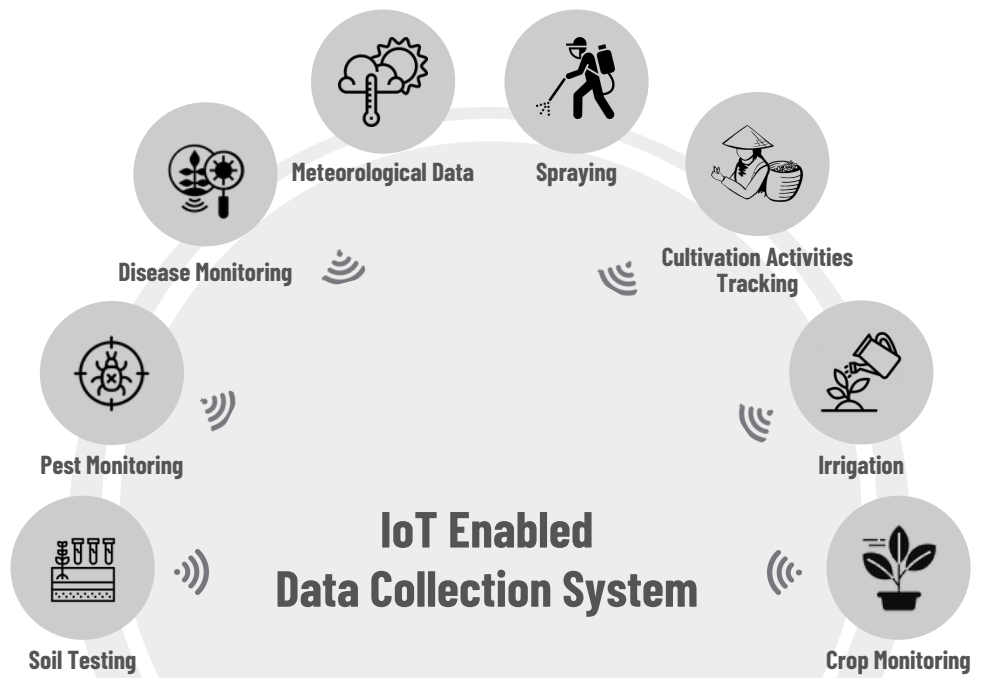
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Smart Farming & Precision Agriculture For Sustainable Business



Data Processing Software Engine

Cloud Platform

Insights for Decision Making



TECHNOLOGIES & SOLUTIONS

GIS Based Solution & Mobile App for Cultivation Activity Tracking & Other field level data capturing

Sensors to collect **Soil Parameters**
(NPKS, pH Factor, Moisture etc.)

Sensors to measure **water level**

Computer Vision
(Image Processing)
for Disease or Pest Analysis,

Weather Station Integration

Drone based spraying

Satellite image processing for **crop monitoring**

Data Analytics engine & Dashboard

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Smart Intelligent Manufacturing (SIM4.0) for Transition in Industry 4.0

FACTORY AUTOMATION

SIM4.0
SMART & INTELLIGENT MANUFACTURING

Delivers Insights via Automated Online Dashboards & Reports

Helping factories to reach new heights by setting targets time-to-time

Monitoring plant KPIs (key performance indicators) in real-time, continuous improvisation and benchmarking for future analysis

Plant KPIs Tracking :

Production trends, consumption trends, OEE (Overall Equipment Efficiency), Out Turn % trends

Show all lines

COMPARE	PROCESS	LINE	PARAMETER	UNIT	DESIGN	MIN-MAX	OCCURRENCES	DURATION	Deviation	MIN VALUE	MAX VALUE
<input type="checkbox"/>	Withering trough	Line 1	Withering - Ambient temperature	°C	25	15-28	2	07:35		11.01	33.00
<input type="checkbox"/>	Withering trough	Line 1	Withering - RH	%	68	58-75	2	07:35		53.02	82.99
<input type="checkbox"/>	CTC	Line 1	CTC - Std of Cut	A	34	25-41	2	07:35		20.08	50.97
<input type="checkbox"/>	CTC	Line 1	CTC - Dhool temperature	°C	32	30-34	2	07:35		20.07	44.98
<input type="checkbox"/>	Withering trough	Line 3	Withering - Ambient temperature	°C	25	15-28	2	07:35		11.00	32.98
<input type="checkbox"/>	Dryer	Line 2	Dryer - Inlet temperature at lower side	°C	140	130-150	2	07:35		110.03	150.95
<input type="checkbox"/>	Dryer	Line 2	Dryer - Exhaust temperature at upper end	°C	75	70-100	2	07:35		60.02	100.89
<input type="checkbox"/>	Boiler	Line 1	Boiler - Feed water temperature	°C	92	85-100	2	07:35		70.04	100.98

Actual tracking of process parameters in: withering, feeding, CTC, fermenting, drying, sorting etc.

CLIENTS FEEDBACK

1-5% increase in the production of Made Tea

0.05 - 0.1 kWh reduction in electricity consumption per kg of Made Tea

Wastage reduction & increasing best graded Tea Production

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