
ePlantation

Plantation ERP for
Tea Gardens

Elogix Software Private
Limited

Company Background

Elogix Software Private Limited (ESPL) is a Kolkata, India based software consultancy established in 2001 that provides offshore development and is a leading provider of Information Technology services. Over the past 14 years ESPL has grown its business offerings by maintaining an expert employee base of diverse IT professionals. ESPL has evolved into technology based business divisions with a focus on addressing the needs of today's complex and challenging business environment. We provide our clients cost effective solutions for software development and outsourcing of IT & IT-Enabled services.

Elogix's clients are from America, Europe, Australia and ASEAN Region. ESPL has one simple notion: supporting its clients' success. We do so through careful, strategic investments in technology, process, and—most significantly—people. Indeed, our people are our greatest strength. Our offshore development teams and our partners deliver a quality product as early as possible by reducing costs to their client.

Elogix's expertise lies in reducing costs and enhancing efficiency by bringing the strategic advantage of Software Outsourcing and Offshore Software Development to our customers in various ways. By improving steadfastness, speed and dexterity, we enable our customers to achieve sustainable differential advantage over their competitors. Our engagement models are flexible, scalable, secure and custom defined based on specific individual needs of our customers. With this we ensure that we follow the right strategy to ensure business transformation, lower operational costs and maintain TAT to deliver proper service to our clients and also ensure 100% success for our customer business.

Being an ISO 9001:2008 company Elogix's Quality Management services ensure high quality and consistency of mission, critical business applications and software products. A well equipped QA lab with certified QA professionals ensures a stable and bug free software release. ESPL employ a widespread Quality Management approach that encompasses all phases of the Software Development Life Cycle (SDLC) conforming to the ISO process.

Elogix's Software Quality Testing based on detailed Test Case Specifications that are developed based on functional specifications and technical design specifications. Test Case Specifications are reviewed to ensure comprehensiveness of testing. Test runs are executed and logged and comprehensive software product quality metrics data has collected and presented to analyze quality of application/product.

Elogix is in the process of streamlining the operations under three distinct banners – a) IT Services, b) IT enabled Services and c) Management Consultancy Services. Based on the experiences gained over the years, Elogix has developed the necessary skills to provide dedicated IT support in the form of an offshore development centre (ODC). These ODCs are an extension of the client organization performing the complete IT development and support function. Amongst the clients is an Australian company for whom Elogix has provided a ODC for the past 14 years. Elogix is focused on providing similar ODC services to prospective clients in Australia, USA, UK and Germany.

Elogix has identified Business Intelligence and Analytics as the future area of growth and has started building their team to meet the expected demand in this domain.

Application Features

This web based software is implemented primarily in Tea plantations and their respective Head Offices. This product has a number of implementations in India mainly in the state of Assam.

Highlights

- ✓ Built to meet the unique requirements of planters
- ✓ Brings operational efficiency by automated business processes
- ✓ Provides management a complete view of daily field and factory operations
- ✓ Can be customized and configured for a variety of crops – Tea, Coffee, Tobacco. Palm Oil, Rubber
- ✓ Possible to customize reports and other outputs like invoices, wage slips, etc.

Modules

- ✓ Financial Accounting
- ✓ Manufacturing
- ✓ Sales
- ✓ Payroll

Features

- ✓ Full security module with user rights for administrator and operators as needed password protected
- ✓ Blazing fast speed – no need to wait for reports or data entry any more – reports in 2 to 3 seconds only!
- ✓ email options of key information directly from the package as the information is updated – no need to phone garden for information
- ✓ Ability to access the package from any where so long as you have an internet connection
- ✓ Full parameter matrix to enable and disable features as needed
- ✓ Fast report generation
- ✓ Options to export reports directly from the package to PDF and excel formats
- ✓ Important data like employee masters, account heads, stores items etc can be directly imported into the package from excel sheets thereby reducing data entry time significantly
- ✓ Options in built to configure the software for Tea or other plantations anywhere in the world
- ✓ Single company, multi garden in the same location is possible
- ✓ Grid system attendance for daily guinty books
- ✓ Integration with Easy weigh and other systems of automated leaf weighment
- ✓ full integration between all gardens and one HO for consolidation
- ✓ There are more advanced features

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This web based ERP has MIS reports which compares performance across group gardens. One of these reports on the Manufacturing side is given below as a sample.

June 2009	Maneri	Tarojan	Bosajan	Hatichera	Nyali
Crop Budget to date	335,000	275,000	375,000	200,000	190,000
Crop Actual to date	325,000	257,000	354,125	185,000	175,484
Crop - for the Month	175,000	156,000	212,000	119,005	106,512
Factory Mandays month	3,185	2,675	3,652	2,121	1,850
Tea made per factory manday	54.95	58.32	58.05	56.11	57.57
HSD Consumed per kg of made tea	0.01	0.04	0.02	0.02	0.04
Coal consumed per kg of made tea	1.16	1.11	1.05	1.19	1.10
Total Green leaf processed	777,778	724,234	1,033,642	589,134	512,077
Bought leaf processed	55,150	25,500	75,000	45,000	105,000
Own garden leaf processed	605,454	698,734	725,541	471,541	355,000
Other garden leaf processed	117,174	0	233,101	72,593	52,077
Recovery % for month	22.50	21.54	20.51	20.20	20.80
Sorted	175,000	155,000	205,152	119,005	106,512
Packed	175,000	155,000	205,152	119,005	106,512

Other features and functionality

- Blazing fast speed – you don't need to wait for processing any more!
- Web access from any PC from anywhere in the world – you can see the garden data from your Head Office as you need daily.
- SMS/Email alerts – all major indicators like green leaf, tea made, despatch quantity, tea sorted, tea packed, pluckers productivity, recovery ratios, etc will be triggered daily on mobile phones or email as needed from the system. No need to call the garden any longer for information. Information on your Iphone/Ipads also!
- Option to use module by module as needed – not necessary to buy the full software
- Option to have a pay to use system on subscription basis monthly
- Versatile software can be customized to incorporate all norms and requirements of Tea and other plantations anywhere in the world
- Totally parameter driven: changes can be made as needed for different areas, different rules with minimum effort and time requirement
- Web enabled Head Office module also fully integrated with the plantations

A few Sample screens

Worker Master

Division Code* DESSOI DIVISION Division Name* DESSOI DIVISION
 Pay Book Code 01 Pay Book Name PERMANENT MEN DESSOI
 Employee Code * 10001 Employee Name * AHIT(B)

Marital Status * Single House No. * 0 Family No. F3 Category * PERMANENT
 Sex * Male Date of Birth * 16/05/1983 Age * 30 Joining Date * 16/05/2003
 Blood Group A+ Education HS Challan No. CS PF NO. PFS
 Pay Of Post 200.00 LIC 500.00 LIC Flag Yes Rec. Deposit 50.00
 Rec. Deposit Flag No Ret. Date 27/12/2071 Ret. Ext. By Cession Type Retirement
 Cession Date 27/12/2013 Fillup Type Badi Fillup By Select Reference Code Select
 Union Deduct. 200 Elec. Deduct * 100.00 Effective Date 16/06/2003
 Active Flag * Eligible for Ration Food Concession Badi Worker Allow Bonus Suspended

Dependent(Y/N) Employee With Dependents Dependent

Extra Earning Heads Description	Earning Amount	Extra Deduction Heads Description	Deduction Amount
Special Allowance	4500	IMDN DEDUCT	1100.00

Wages Calculation Setup

Activate Wages & Ration Setup : Garden
 Division Select Division Apply to all Division Create New Worker Category
 Setup Type --Select--

Category Select Category Electric Rate ElectricChargeOn HouseWrt Basic Rate (T)
 Wage Period* Maternity Wage Period* Adolescent Mandays FULL Basic Rate (P)
 Working Hours From Time To Time Adolescent
 Allowance Rate 0 Rupee Per Day Min Days 0
 Retirement Age Ceiling Amount PF Interest
 Sick Leave 2/3rd pay days Weekly Holidays Sunday Calculate PF on Extra Amount Activate Paybook Wise Special Allowance

Worker Age Optional Parameters

Leaf Plucking Additive Rate

Division Name: DESSOI DIVISION From Date: To Date: Dis Incentive

PayBookName	From Lr(1)	To Lr(1)	Ra(1)	From Lr(2)	To Lr(2)	Ra(2)	From Lr(3)	To Lr(3)	Ra(3)	From Lr(4)	To Lr(4)	Ra(4)	From Lr(5)	To Lr(5)	Ra(5)	From Date	To Date	Ex	Command
PERMANENT WOMEN DESSOI	25.00	30.00	1.00	31.00	35.00	1.50	36.00	200.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	01/01/2013	01/01/2014	FS	Edit Delete
PERMANENT MEN DESSOI	25.00	30.00	1.00	31.00	35.00	1.50	36.00	200.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	01/01/2013	01/01/2014		Edit Delete
TEMPs	25.00	30.00	1.00	31.00	35.00	1.50	36.00	200.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	01/01/2013	01/01/2014		Edit Delete
TEMPORARY MEN	25.00	30.00	1.00	31.00	35.00	1.50	36.00	200.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	01/01/2013	01/01/2014		Edit Delete
TEMPL	25.00	30.00	1.00	31.00	35.00	1.50	36.00	200.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	01/01/2013	01/01/2014		Edit Delete

Select Paybook

List of Reports

Financial Reports (Cost Center wise)	Financial Reports (HO)	Sales Reports
Cash/Bank Book Cash/Bank Book Summary Journal Book Bank Reconciliation Voucher Printing General Ledger Party Trial (Multi GL) Multi GL wise Party Ledger Party Ledger Trial Balance Party Trial Balance Cost center wise yearly budget vs Actual Cost Center wise Balance Sheet Age wise Analysis Cost Center wise Monthly Analysis Cost Center wise Half Yearly Analysis Monthly Service Bill Register Cash Trial Day Book Chart of Account Party Master Listing	Cash/Bank Book Cash/Bank Book Summary Journal Book General Ledger Party Ledger Consolidated Party Ledger Trial Balance Party Trial Balance Adjusted Trial Balance Party Trial (Multi GL) Multi GL wise Party Ledger Balance Sheet Receipts & Payments Monthly Analysis Half Yearly Analysis Budget Analysis Party wise Budget Analysis Bank Reconciliation Voucher Printing TDS Register Age wise Analysis Account Zoom	Monthly Sale Register Detailed Sales Register Consolidated Sales Register Sales Tax Register Pending Sales Order Unbilled Challan Analysis Wise Sales Register Sales Percentage Analysis Party Wise Sales Product/ Party Wise Sale Last Sales Rate Cancelled Sales Order Challan Printout Sale Bill Printing Outstanding Bills Reminder
		eTDS Reports Form 16A TDS Register TDS Deposit Register Form 26Q Printing Form 27A Printing
Purchase Register	Inventory Reports (HO)	Inventory Reports (Cost Center)
Detailed Purchase Register Purchase Register (Product Wise) Tax On Unregistered Purchase Undelivered Purchase Order Percentage Analysis Purchase Register (Product & Party) Net Purchase Register (132 Column) Party Wise Purchase Register Consolidated Purchase Register Cancelled Purchase Order Opening Balance Report GRNs for Purchased Bill Pending Purchase Order Confirmation Register Last Purchase Rate	Price List Balance Of Stock (Product Wise) Stock Movement Register Stock Ledger Re-Order To Place Reorder/ Minimum/ Maximum Level Age Wise Stock Stock Valuation Cost Center Wise Consumption Stock Adjustment Account Head Wise Consumption Summary Product Master List Special Reports (HO) Fund Flow Statement Cash Flow Statement Party's Address Book	Cost Center Wise Balance Of Stock (Product Wise) Stock Movement Register (Cost Center Wise) Stock Ledger (Cost Center Wise) Age Wise Stock Stock Valuation (Cost Center Wise) Cost Center Wise Consumption Account Head & Item Wise Consumption Account Head & Item Wise Received Stock Adjustment (Cost Center Wise) Stock Valuation Stock Movement Summary Stock Issue Register

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<p>Purchase Order Printing Purchase TDS Register</p> <p>MIS Reports Budget Analysis Month Wise Analysis Audit Trial User Defined Cash Bank Book Setup User Defined Accounts Report Accounts Confirmation</p>	<p>Cash Trial Bill Adjustment Register Outstanding List (Half Yearly) Day Book SSI-Outstanding List Cheque Printing</p> <p>Budget Reports Budget Analysis Party wise Budget Analysis</p>	<p>Stock Issue Register Cumulative Store Receipt Register Item Wise Monthly Transaction Report Inter Branch Transfer Register Report Item Wise Monthly Transaction Analysis Report Analysis Wise Issue Report Analysis Wise Stores Summary</p>
<p>Sales Reports</p>		<p>Sales Trend Analysis</p>
<p>Packing Invoice Tracking Report Stock Reports Warehouse wise Stock Register Report</p> <ul style="list-style-type: none"> ✓ Grade wise Stock Summary ✓ Detail <p>Stock Position Report</p> <ul style="list-style-type: none"> ✓ Packing Invoice wise details ✓ Grade wise summary <p>Gardenwise Stock Register Report</p> <ul style="list-style-type: none"> ✓ Stock Register ✓ Stock in Transit ✓ Stock Lying with Buyer <p>Sample Sending by Garden Warehouse Tea Received Detail Invoice Register Detail</p> <ul style="list-style-type: none"> ✓ Broker ✓ Exporter ✓ Consignee ✓ Local Party <p>Party/ Broker wise Performance</p> <ul style="list-style-type: none"> ✓ Garden wise Grouping ✓ All garden combined <p>Sale Preparation Register</p>	<p>Despatch Invoice Register</p> <ul style="list-style-type: none"> ✓ Despatch Invoice wise Date ✓ Despatch Invoice No. wise <p>Proforma Invoice Register, Sale Advice Register, Sale Register & Tea Grade wise Sales Register</p> <ul style="list-style-type: none"> ✓ Auction ✓ Exporter ✓ Consignee ✓ Local Party <p>Sale Type wise Sale Grade comparison</p> <ul style="list-style-type: none"> ✓ Garden wise ✓ Only Grade wise <p>Auction center wise Sale Grade Comparison</p> <ul style="list-style-type: none"> ✓ Garden wise ✓ Only Grade wise <p>Garden and Garden wise Auction Sales Comparison</p> <ul style="list-style-type: none"> ✓ Auction Center wise <p>Only Grade wise Sales Composite Report Auction Sales Withdrawal In-Transit Shortage Register In-Transit Damaged/Loss Tea Sale Tax Form Collection Register Invoice Print</p>	<p>Select type</p> <ul style="list-style-type: none"> ✓ Auction ✓ Exporter ✓ Consignee ✓ Local party ✓ All <p>Select Year Type</p> <ul style="list-style-type: none"> ✓ Calendar Year ✓ Financial Year <p>Select Chart Type</p> <ul style="list-style-type: none"> ✓ Bar Chart ✓ Line Chart <p>Select Search Type</p> <ul style="list-style-type: none"> ✓ By Sales Quantity ✓ By Sales Value ✓ By Average Rate <p>Grade wise Monthly Sales Analysis</p> <p>Select type</p> <ul style="list-style-type: none"> ✓ Auction ✓ Exporter ✓ Consignee ✓ Local party ✓ All <p>Select Year Type</p> <ul style="list-style-type: none"> ✓ Calendar Year ✓ Financial Year <p>Report Type</p> <ul style="list-style-type: none"> ✓ Yearly ✓ Half Yearly <p>Select Search Type</p> <ul style="list-style-type: none"> ✓ By Sales Quantity ✓ By Sales Value ✓ By Average Rate

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<p>Dryer Log Book (Web & Dos Mode Printing) Tea Grade Sorting Details (Web & Dos Mode Printing) Packed Tea Details (Web & Dos Mode Printing) Destination Wise & Date Wise Invoice details ✓ Invoice Type • Packing • Despatch Daily Factory Report (Web & Dos Mode Printing) Invoice Register Despatch Invoice Register ✓ Sorting type • Despatch Invoice Date wise • Despatch Invoice No. wise Bought Leaf Received Report (Report type both detail & summary) ✓ Party / date wise</p>	<p>Supplier wise Fine Leaf Count (Web & Dos Mode Printing) Supplier wise Bought (Web & Dos Mode Printing) Other Garden Leaf Received Production Report (Web & Dos Mode Printing) Actual Own Leaf and Factory Leaf Daily Manufacturing Report (Web & Dos Mode Printing) Monthly Power Fuel Statement Fortnightly Report Power Fuel Bill Statement Reconciliation of Production Crop Synopsis Report Daily Garden Report (Web & Dos Mode Printing) Audit Trail Pack Invoice wise Despatch Invoice Register (Web & Dos Mode Printing)</p>
<p>Payroll Reports</p> <p>Work Force Reports Kamjari Reports Daily Attendance Sheet Daily Gross Wages Checking Account headwise Mandays with Green Leaf Activity Master Check List Grade Wise Staff Details Mandays Analysis Attendance Control Sheet Census Book for Worker Census Book for Staff Productive vs Unproductive Activity wise Attendance Paybook wise Worker details House Repair Information Absent Report No. of days worked Green Leaf Plucking Report (Periodical) Section wise Green leaf plucked Green Leaf Plucking Report (Cumulative) Daily Control Sheet Employee Master Checklist Staff Master Checklist Paybook Transfer</p>	<p>Fortnightly/ Weekly Reports</p> <p>Wages Register Fortnightly Earning Register Paybook Summary Register Paybook wise Fortnightly Earning Fortnightly Kamjari Report Wages Summary Register Checklist for Activity wise & GL wise transaction Paybook Wise Ration Register Family wise Ration Register Sick Register Coin Analysis Ration slip without wage Ration Slip Register Dependent Ration Calculation</p> <p>Monthly Staff Reports</p> <p>Staff Attendance (Monthly) Staff Salary Staff Salary Summary Staff Ration Register P-Tax Register Staff Payslip Report</p>

<p>Worker Loan Sanction Worker Arrear Payment Sectional Details Report Divisional Weather Info Report Line Wise Worker Report Staff LIC Report House Master Report Irrigation Progress Report GL Plucking Info Blank Report Daily Mandays Breakup with last year</p> <p>MIS Reports</p> <ul style="list-style-type: none">Pluckers Range ReportGratuity Register for Worker ReportGratuity Register for Staff ReportLeave Report for WorkerLeave Taken Register for workerLeave Register for WorkerAudit TrailSection wise Green Leaf & YieldsDivision Wise Green Leaf Plucked RegisterDaily Non Plucking Activity RegisterGarden Plucking chartSection wise Mandays deploymentData Inconsistency Report	<p>Statutory P.F. Reports</p> <ul style="list-style-type: none">Form 1Form 5PF Deduction RegisterFortnightly PF Statement ReportFortnightly PF Contribution RegisterPF Ledger for WorkerFortnightly PF Summary for WorkerMonthly Wage Deduction Register for WorkerMonthly PF Summary for Staff <p>Yearly Reports</p> <ul style="list-style-type: none">Annual Bonus RegisterAnnual Leave with Wages RegisterAnnual Loan Recovery Register <p>Loan/Advance Reports</p> <ul style="list-style-type: none">Loan Advance Details ReportWorker Loan RegisterWorker Loan Balance Position ReportLoan Advance Payment for Staff DetailsFortnightly Loan recovery report <p>Stop Deduction In Loan Staff Loan details</p>
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