



GAP OSM

"Simplicity is the ultimate Sophistication." - Leonardo Da Vinci

"Simplicity is not a Simple thing." - Charlie Chaplin

"Simplicity is the key to Brilliance." - Bruce Lee

"Simplicity is the by-product of a good idea and modest expectations." - Paul Rand

"Never overlook the Power of Simplicity." - Robin Sharma

"The Road to Simpli-City, is a complex one." - Sanjiv Singh

SIMPLICITY

Because leaders know better.

SIMPLICITY AT ITS CORE

GAP OSM is a Business Management Software offering configurable solutions to common and not so common business problems.

ERP is passé.. it has now graduated to **OSM**: "Operating System for Manufacturing".

GAP OSM is an offspring of a DOS based ERP i.e. **Enterprise Resource Planning** that was in perpetual Beta mode for around 3 decades and has now been born in a new Browser based avatar. It has a unique, validated history of 100% success and has grown wider and deeper day by day.

Over this span of time, we have found many innovative ways to meet our client's business needs, improving his working system, internal and external logistics, identifying his areas of weakness and providing solutions for improvement and making the entire business process fun and profitable.

OSM is much more extensive than an ERP. It includes the basic **ERP modules** like Sales, Purchase, Accounts, Inventory, Payroll, CRM etc. but in addition it also has controls for Legal Compliance, Data & Knowledge capturing, extensive HRD, ABC (Activity Based Management), Product Costing, Operational Efficiency Monitoring, Dynamic Inspection, New Product Development (NPD), Product Life Management (PLM) , Calibration & Control of Inspection Equipment, Process Capability Studies, Total Productive Maintenance (TPM) and others.

E-mail: sanjiv@gaperplus.com

Contact Number: +91-988811173, +91-9888406405

The various modules that are included in GAP OSM are shown below:- Sales Module

This module is integrated with manufacturing and accounting. While billing, it updates the stock and the customer account. It also has functions of sending quotations, P.I.s, booking orders and controlling the credit limit of customers. You can also view the sales statistics of the company from here.

Finance and Accounts

This module takes care of all the accounting needs of an organization. Integrated Purchase Vouchers, Multiple Configurable Cash boxes and Reporting from Balance Sheet and P&L down to viewing of a sales invoice or voucher is possible.

New Product Development (NPD)

| | | | | | |
|---------------|--|-----------------------|--------------------|-------------------------|---|
| Product Code | 2519-RMS | Description | Regulator Moulding | Project I/C | E1946/Amit katoch/E1366/Gurjinder singh |
| Customer Code | C4415 | Customer Name | LUCAS- TVS LIMITED | | |
| Purpose | It is the main Base plate for the Alternator. This part will be moulded out of Nylon 6/6 28% GF and have inserts moulded into it. Later at customer end, Carbon brushes and PCB will be assembled onto | | | | |
| Target Date | 31-10-2016 | Sale Cost | Rs.75 | Target Cost: | Rs.60 |
| Annual Qty. | 30000 | Project Life Expected | 5 years | Annual Revenue | 2250000 |
| | | | | Tentative Cost till now | 44.12 |
| | | | | Lifetime Revenue | 11250000 |

The interface also includes sections for 'Drawing' (showing a technical drawing) and 'Picture' (showing a photograph of the physical part).

This module helps in preparing Part Lists / BOMs, deciding on Make or Buy, Indenting and Costing. It further defines the manufacturing Process, Production cycle times, Product and Process Control Parameters. It gives outputs like control plans and pre-filled Inspection sheets. It also helps in conducting and controlling FMEAs.

Stores Module

This module keeps a record of all the inventory items and Item ledgers, stock tracking, Batch details, PWO and AWO opening status, Stores Audit, MIS and MRS and displays any error in the stock.

Quality Assurance (Q.A.)

| Group/S.No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MAX | MIN | XBAR | σ |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|------|---|
| 1 | 25.12 | 25.15 | 25.12 | 25.09 | 25 | 25.11 | 25.15 | 25.15 | 25.15 | 25.07 | 0 | 0 | 0 | 0 |
| 2 | 25.18 | 25.15 | 25.12 | 25.11 | 25.10 | 25.08 | 25.12 | 25.13 | 25.14 | 25.15 | 0 | 0 | 0 | 0 |
| 3 | 25.1 | 25.08 | 25.13 | 25.15 | 25.1 | 25.12 | 25.15 | 25.12 | 25.18 | 25.17 | 0 | 0 | 0 | 0 |
| 4 | 25.16 | 25.17 | 25.14 | 25.17 | 25.17 | 25.15 | 25.14 | 25.1 | 25.1 | 25.12 | 0 | 0 | 0 | 0 |
| 5 | 25.07 | 25.14 | 25.14 | 25.04 | 25.14 | 25.16 | 25.17 | 25.1 | 25.11 | 0 | 0 | 0 | 0 | 0 |

LSL: 25, ULSL: 25.2, LCL: 25, UCL: 25.1, Cp: 0.894598, Cpk: 0.663791, Inspected by: Deepak Sharma

This module integrates Quality checks at all points like Incoming, In-Process and Dispatch. It uses the data and drawings provided by the PLM module to perform the inspection and reporting. It also has functions to do MSA and control on Inspection Equipment including calibration requirements.

Purchase Module

This module does monthly resource planning process, vendor management Process, Purchase Order Process and the entire month's MRP done with a single click of a button.

E-mail: sanjiv@gaperpplus.com

Contact Number: +91-988811173, +91-9888406405

HRD Module

The screenshot displays the HRD module interface for Gilard Electronics Pvt Ltd. The main section is titled 'Group Probation Progress Report' and shows a table of employees on probation. A legend indicates that blue squares represent 'Probation Extended', green squares represent 'Probation Completed', and red squares represent 'Data Not Available'.

| SNo. | Name | E-Code | Dept./Sec. | Image | Probation Sheet | DOJ | Current Salary | Reporting To | Months | Status | Email Status |
|------|----------------------|--------|------------|-------|-----------------|------------|--------------------|--------------|--------|----------|--------------|
| 1 | Nitesh Kumar Kharvar | E2127 | MLD/Gamma | | ✓ | 19-05-2016 | 7480 Sankush Verma | | | EXTENDED | Done |
| 2 | Dharam Pal | E2130 | MLD/Gamma | | ✓ | 19-05-2016 | 7480 Sankush Verma | 7 | | CONTINUE | Done |
| 3 | Vishal Kumar | E2136 | MLD/Alpha | | ✓ | 23-05-2016 | 7480 Sankush Verma | 7 | | EXTENDED | Done |

Besides preparing monthly Payroll with all the required legal and MIS reports, this module keeps a track of all the employees viz a viz their training needs, their qualifications and work experience, and also their Performance Monitoring for Appraisals.

PLM Module

The screenshot displays the PLM module interface for Gilard Electronics Pvt Ltd. The main section is titled 'Finished Product Master List (Items which have BOMs entered in the ERP)'. It shows a table of products with various attributes.

| Number | Description | Code | Drawing | Picture | Customer drawing | PFMEA | DFMEA | Control Plans | PDI SHEETS | WI | Specification Sheet |
|------------|----------------------------|------|--------------------------|-------------------------------------|-------------------------------------|-------|-------|-------------------------------------|------------|----|---------------------|
| 0052-00-25 | BASF UL | XXXX | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | NA | NA | NA | NA | NA | Spec Sheet MORE |
| 0712-07-18 | STAR WASHER | XXXX | <input type="checkbox"/> | <input checked="" type="checkbox"/> | NA | NA | NA | NA | NA | NA | Spec Sheet MORE |
| 0712-21-29 | special nut | XXXX | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | NA | NA | NA | NA | NA | Spec Sheet MORE |
| 0713-21-12 | HEXA NUT | XXXX | <input type="checkbox"/> | <input checked="" type="checkbox"/> | NA | NA | NA | <input checked="" type="checkbox"/> | NA | NA | Spec Sheet MORE |
| 0726-00-1 | NUT WITH RUBBER CAP | XXXX | <input type="checkbox"/> | <input checked="" type="checkbox"/> | NA | NA | NA | NA | NA | NA | Spec Sheet MORE |
| 0726-07-46 | TIS LOCK WASHER M12 | XXXX | <input type="checkbox"/> | <input checked="" type="checkbox"/> | NA | NA | NA | NA | NA | NA | Spec Sheet MORE |
| 0726-21-02 | TIS BUSH | XXXX | <input type="checkbox"/> | <input checked="" type="checkbox"/> | NA | NA | NA | NA | NA | NA | Spec Sheet MORE |
| 0728-00-1 | MIS WITH BRACKET-BUSH ASSY | XXXX | <input type="checkbox"/> | <input checked="" type="checkbox"/> | NA | NA | NA | NA | NA | NA | Spec Sheet MORE |

This module takes care of the manufacturing data. It contains the BOMs and the data related to machines and production. Links with production orders and ensures controls as designed are implemented on the shop floor.

e- CAPA (Knowledge capturing and retention)

The screenshot displays the e-CAPA module interface for Gilard Electronics Pvt Ltd. The main section is titled 'View CAPA's List' and shows a table of Corrective Action Requests (CAPAs).

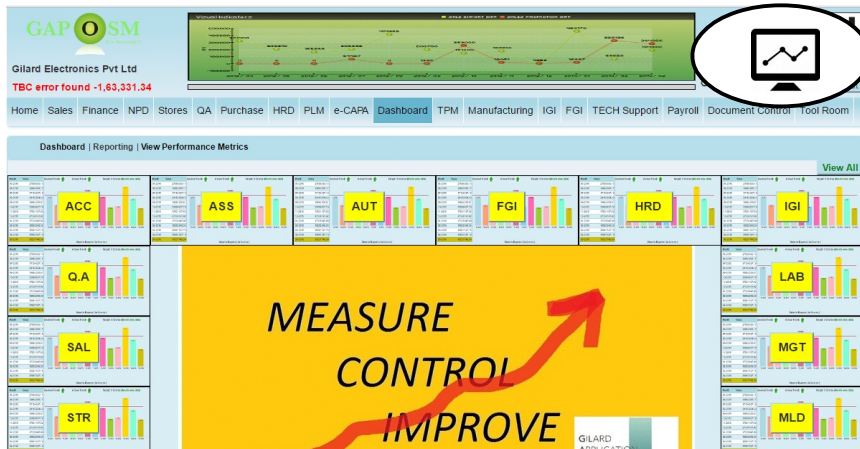
| C.No. | Date | Area of NC | Initiator | For item | NC observed by | Type of CAPA | Description | Handover To | OPEN | CLOSED |
|-------|------------|------------|-----------|-----------------|--------------------------|--------------------|--------------------|-------------|-------------------------------------|--------------------------|
| 1 | 01-12-2014 | FIELD COMP | sanjiv | 761-04 | Mahindra & Mahindra | CUSTOMER COMPLAINT | Hazard Switch | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2 | 01-12-2014 | FIELD COMP | sanjiv | 762-04 | Mahindra & Mahindra | CUSTOMER COMPLAINT | brake light switch | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3 | 01-12-2014 | PLATING | sanjiv | SYSTEM | TRELLEBORG VIBRACOUSTICS | EXTERNAL AUDIT | PROCESS CONTROL | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4 | 01-12-2014 | PLATING | sanjiv | PROCESS CONTROL | QMS AUDIT TS19649 | INTERNAL AUDIT | MONITORING | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8 | 12-12-2014 | Plating | hardip | 2507 | Lucas TVS | CUSTOMER COMPLAINT | | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

This module captures and retains the knowledge and intelligence of the associates and continues to guide the team even after the knowledgeable persons have left the organization.

E-mail: sanjiv@gaperpplus.com

Contact Number: +91-988811173, +91-9888406405

Dashboard Module



This module views the KRA/ PMS, Departmental reports and does PQA analysis, Configure graphs and shows Profit and Loss statement of the business.

Total Preventive Maintenance (TPM)

| Machine Code / Asset Code | Department | Category | Name | Owner | Sponsor | Trained operators |
|---------------------------|------------|------------|------------------------|---------------|----------------|----------------------------------|
| -000-0 | S2423 | Production | OPERATOR/ASSEMBLER | | | Trained operators |
| A00010 | S2423 | Production | ASSEMBLY LINE OPERATOR | | | Review |
| A0002:PRD-AS3-0058 | S2423 | Production | PUPOTTING MACHINE | | | Review Edit Prevent Sched Spares |
| A00030 | S2423 | Production | SOLDERING STATION | | | Review Edit Prevent Sched Spares |
| A00040 | S2423 | Production | HEAT SHRINKAGE | | | Review Edit Prevent Sched Spares |
| A0005:PRD-AS1-0001 | S2423 | Production | MORLOCK PRINTING M/C-1 | Rakina rani | Manju Kumari | Review Edit Prevent Sched Spares |
| A0006:PRD-AS1-0004 | S2423 | Production | WIRECUT MACHINE-1 | | | Review Edit Prevent Sched Spares |
| A0007:PRD-AS1-0003 | S2423 | Production | DOMINO PRINTING | Shanto Kumari | Hanvinder kaur | Review Edit Prevent Sched Spares |

This module is used for Preventive and breakdown Maintenance of Machines, Handling of spare stock, Consumption of water in Electricity Expenditure, Consumption of water in Plating and History of tool Maintenance.

Manufacturing Module

This module takes care of all the manufacturing activities including receiving raw materials and parts, storing them to various Production Shops and Assembly lines to Finished Goods Stores routing them through QA checks wherever required.

IGI (Incoming Goods Inspection)

Inspection Sheet for item : 0000-00-05 DATED : 24/04/17

| Parameter | Value | + | - | Location on Drg. | Key Chr. |
|-----------|-------|------|------|------------------|----------|
| RADIUS | 0.5 | 0.05 | 0.05 | 17 | I |

Buttons: Print Full Dimension Sheet, Print Visual Sheet, Print Critical

This module views inspection sheet, DJIS, DPIS, ICRR, and shows all Item Master. Here also you can view Items pending for Re-inspection and Rejection Report of vendor supplies.

FGI (Final Goods Inspection)

List inspected items in FGI

| Items No. | Description | Stock | Rate | Amount |
|------------|----------------------------------|-------|-------|-----------------|
| 730-00810 | MIS ROLLER LEVER(14MM) | 400 | 21.89 | 8756 |
| 728-00210R | MICRO SWITCH WITH THUMB A RED | 300 | 33.98 | 10194 |
| 728-00210G | MICRO SWITCH THUMB A GREEN | 300 | 33.98 | 10194 |
| 1385-06L | TERMINAL 038 LH | 200 | 14.11 | 2822 |
| 713-12B | TOGGLE SWITCH SPDT 4.5 AMP.BLACK | 16 | 16.92 | 270.72 |
| 762-04 | BRAKE LIGHT SWITCH | 11 | 54.51 | 599.61 |
| 1391 | TERMINAL B562BL5DR | 200 | 19.50 | 3900 |
| 2506-02 | FIELD MOULDING | 2 | 22.00 | 44 |
| 997-07 | OUTLET DUP 5-20 BLK NO FLANGE | 18 | 69.19 | 1245.42 |
| 1313-03B | TERMINAL BLOC 3WAYS DC | 77 | 0.77 | 59.26 |
| | | | | Amount: 1802776 |

Buttons: Back

This module shows Inspected items in FGI, FGI stocks status and reports. FGI does the final inspection and correction if required.

Tech Support Module

List of Tickets

| Sr.No. | Ticket No. | Ticket Date | Raised by user | Customer Name | Nature of Complaint | Status | Responsibility |
|--------|------------|-------------|----------------|----------------------------|---|-----------|----------------|
| 1. | T-489 | 20-04-2017 | Shikhar | Gilard Electronics Pvt Ltd | PATH = QA - USER FXN - NC (PURCHASE ITEMS) Ticket Desc - ICRR no 91198. Item 0090-15-40 is non consumable. IGD rejected the item but it is displayed under QA non consumable item list Requirement = Non consumable item rejection & inward for under inspection should not come under IGI list of under inspection items | Pending | |
| 2. | T-488 | 17-04-2017 | Ishleen | Gilard Electronics Pvt Ltd | This option taking too much time to open in comparison to all other modules.plz review | Refused | |
| 3. | T-487 | 17-04-2017 | Nidhik | Gilard Electronics Pvt Ltd | We have done changes in order booking dates but now again it is same as previous. Please check the module. | Pending | |
| 4. | T-486 | 10-04-2017 | Sankush | Gilard Electronics Pvt Ltd | PCM-Device not working from last 2 days | Completed | [11-04-2017] |
| 5. | T-485 | 06-04-2017 | Pinky | Gilard Electronics Pvt Ltd | change MRB no. from 1 for new financial year. | Completed | [07-04-2017] |
| 6. | T-484 | 05-04-2017 | Manju | Gilard Electronics Pvt Ltd | IC-FORM REMINDER OPTION AND VENDOR PAYMENT OPTION NOT WORKING. | Pending | |
| 7. | T-483 | 03-04-2017 | Ishleen | Gilard Electronics Pvt Ltd | 11 pcs showing in Assy should not be shown. That is REJ put by FGI. It is already showing in assy rework and shall be reput or taken out from that option. Plz check why its showing pending in assy. | Completed | [11-04-2017] |
| 8. | T-482 | 31-03-2017 | Ishleen | Gilard Electronics Pvt Ltd | 162-01sv3 no order pending. Why is it showing here in supply failure | Pending | |
| 9. | T-481 | 31-03-2017 | Ishleen | Gilard Electronics Pvt Ltd | Inserts are still not getting subtracted considering what has been produced in DPIS. We are unable to track what inserts are in lying in moulding. The D8 was sent as closed but issue not resolved. | Pending | |

This module is used for Tech support where all complaints and tickets can be viewed and diagnosed.

Payroll Module

This module prepare Monthly Payroll, Maintenance of ESI, PF, Bonus, Salary, Incentive, Auto-generated Employees Pay-slips, Auto generated Employees wage register.

Document Control Module

| Document No. | Title | Issue No. |
|--------------|------------------|-----------|
| OSP01/01 | test document | 2 |
| ab02 | Alfaaz July 2016 | 1 |
| ab01 | Quality Policy | 1 |

This module is used for online control of documents for online access to the users. All quality documents like quality manual, Quality Plans, Procedures, Work Instructions and any other controlled documents can be viewed and saved here.

Tool Room Module

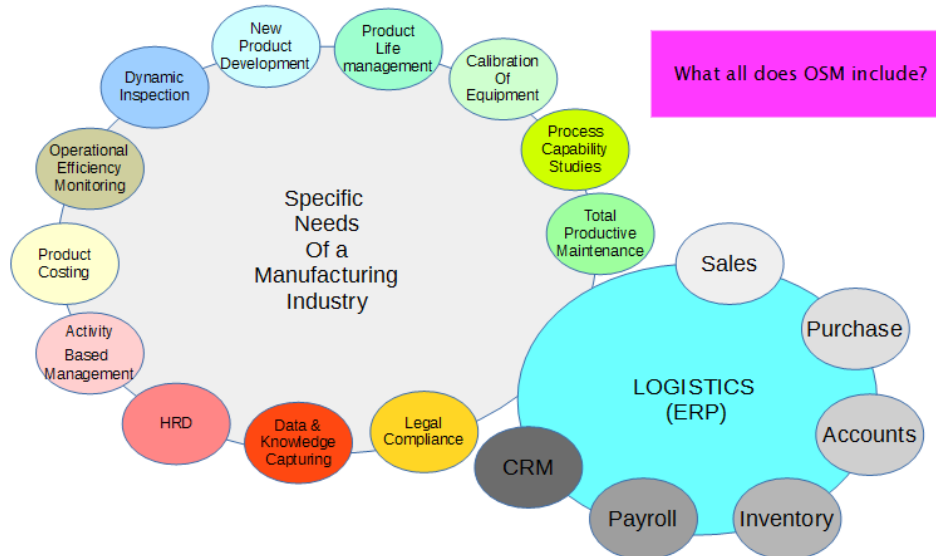
| S. No. | Com. No. | Raised By | Machine | Date/Time of Complaint | Date/Time of closure | Nature of Complaint | Time Taken TTR in hrs. | Maintenance Engineer |
|--------|----------|------------------|------------|------------------------|----------------------|--|------------------------|-----------------------|
| 1 | 9 | MLD/sankushE2033 | 2214-05-A1 | 04-01-2017(11:29:14) | 07-01-2017(16:24:56) | slider of the tool broken | 23.41 | E1941-Arjun Singh |
| 2 | 8 | MLD/sankushE2033 | 2210-49-A1 | 04-01-2017(11:27:21) | 10-01-2017(16:20:18) | ejector pin broken | 41.88 | E2018-Malkiat singh |
| 3 | 7 | MLD/sankushE2033 | 2185-34-A1 | 04-01-2017(11:24:22) | | white marks observe on the pc sample attached of both the cavity | | E2018-Malkiat singh |
| 4 | 6 | MLD/sankushE2033 | 0712-08-A1 | 04-01-2017(11:23:04) | 10-01-2017(16:19:30) | material stuck into the tool,movement of ejector handle goes hard. | 41.9 | E1941-Arjun Singh |
| 5 | 4 | PRSkarnaliE2111 | 0997-01-A2 | 29-12-2016(17:14:43) | | Last stage parting punch broken. | | |
| 6 | 3 | PRSkarnaliE2111 | 726-14A2 | 28-12-2016(15:51:03) | 30-12-2016(16:23:14) | Burr obs. Sample attached | 0 | |
| 7 | 2 | PRSkarnaliE2111 | 2162-48-A1 | 28-12-2016(15:17:00) | 07-01-2017(16:21:33) | Pillar bush loose obs. | 75.06 | E2210-Chhatthoo Yadav |

Total time to repair = 182.25 Total number of Complaints closed =6 MTR =30.38hrs.

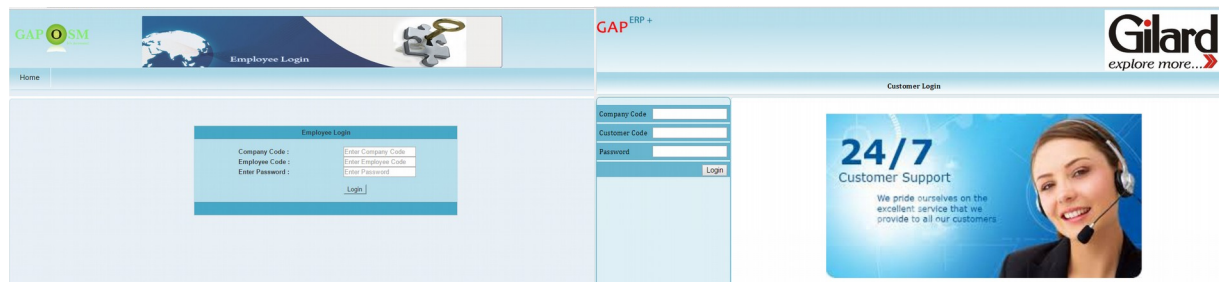
Note: 🟡 indicates complaints pending for acknowledgment. 🟢 indicates complaints in process. 🔴 indicates rejected complaints. 🟢 indicates completed complaints.

This module is for registering and viewing complaints of machines.

OSM.....its awesome



Portal for Employees/ Customers and Suppliers



Talking point

intense and simple”
 “...overwhelming...”
 “catches the pulse of the entire organisation”
 “..once you go GAP, you never go back..”
 “...finally the solution
 That the industry
 really needed”

Gilard Application Programmers LLP
 C-132, Phase VIII, Industrial Area, Mohali,
 Chandigarh, INDIA
 www.gaperpplus.com Email: sanjiv@gaperpplus.com
 , sales@gaperpplus.com”
 +91-9888111773, +91-9888406405
 LLP Identification Number: AAE-8595

Customers, Suppliers and Employees Portal

Customers can directly Login into GAP OSM and view their pending orders, ledger, despatches and invoices etc. They can also directly place their Orders / Schedules in the system.

Employees can Log in and view company rules and policies, leave and pay status. They can also participate in suggestion scheme and view/ update their monthly performance and score.