

Dear Sir,

Greetings,

We Gilard Application Programmers LLP, are pleased to offer our Product and Services towards converting your industry to a Industry 4.0 / Smart Factory and to make it future ready. Complementing our over 5 decades of experience in Manufacturing for the Automobile, Electronic and Defence Industries with our over 3 decades long study and development of software puts us in an advantageous position to be a good partner with you for your aspirations.

**"SOLUTION FOR SMART FACTORY"
YOUR IMPLEMENTATION PARTNER FOR IIoT**



We are offering a package of the following inputs required to make you future ready and Industry 4.0 compliant. The package includes : Software (OSM), Hardware (PCMD), Sensors and Services for study audit, implementation and support.

Our entire proposition is based on our copyrighted concept of 5D.
(Define, Design, Develop, Deploy and Digitize)

1. Software : GAP-OSM (Operating System for Manufacturing)

This software has been developed over a period of 30 years, on a daily basis and covers all the pre-defined processes that include all your Manufacturing and Business Processes. As the software has been developed by a manufacturing industry, it includes all the usual, unusual as well as the exceptional conditions that crop up in front of the manufacturing organization.

When you start working with GAP-OSM, you don't have to Define or Design and Develop your processes. The software is already based on the best practices followed by the Industry leaders worldwide. The most, you may need is to tweak some processes based on your specific need. This can easily be done by either front end configuration or slight customization in the software.

As the entire process handling is through simple menu run computer screens, the Deployment and implementation of processes down the line becomes easy. The system is already Digitized and all the benefits of viewing the progress of each process from your own screen are immediately available.

GAP-OSM offers all the modules required by you to be Industry 4.0. All the modules use a common database and this ensures availability of correct data in real time to all team members and also the Cross functional team operatives.

Starting from New Business Development [NBD] module, which includes CRM, CLM, Risk &

Relevance study, Costing, Resource & Capacity study and submission of Techno-Commercial Offers.

New Product Development [NPD], which includes all activities of Designing, Developing, Verifying and Validating a Product. It covers all the requirements of APQP & PPAP and does much more.

Projects Developed through [NPD] are seamlessly transferred to production where the other module [PLM] (Product Life Management) takes over. The [PLM] module helps in optimizing the processes, improving the productivity, reducing the rejections, skilling of operators and also ensuring that the processes are run as they have been designed.

Similarly, there are other modules of [Tool Room],[Manufacturing],[Sales],[Finance & Accounts], [Purchase & MPC], [Stores & Inventory], [Quality Assurance], [LAB Cal & MSA], [TPM], [HRD], [Payroll], [Asset management], [Legal Compliance], [Live Monitoring of Production], [Document Control], [Environment Health & Safety], [Visitors]. All these modules have deep functionality but at the same time are simple to comprehend and implement.

2. Hardware : GAP-POMS (Production Optimization and Monitoring System)

This includes Sensors which can be fitted on any machine or work station or equipment. These sensors directly or through Extension Cables, can be coupled to the ports of the PCMD (Process Control Monitoring Device). Each PCMD has 12 ports which can accommodate 12 stations or machines.

The PCMD gets connected to the cloud either through a LAN cable or Wi-Fi access point to the Internet or Intranet as required.

The data from the sensor is received by the PCMD and sent to the cloud server, where it is stored, processed and reported.

We also provide “Interactive Digital Display Devices” which can be mounted on the machine and may be used to reflect back the machine status and many other controls to the Machine operator.

The entire Hardware for POMS, which includes Sensors, Extension cables, PCMD , Display Devices and the software (OSM) on which all the data is handled is provided by us. You only need to connect the PCMD to your LAN and the internal / external connectivity.

We look forward to your opportunity to serve you and assure you of our prompt attentions.

Thanks for your valued responses & opportunity.

For any further details, please feel free to contact us.

Best Regards,

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