Technologies without boundaries

Global Automation Combustion Solution Sdn Bhd was set up for a sole purpose to implement technologies in process plant. Our vision is to implement technologies in different sectors as the world is progressing rapidly in this age of technologies

GACS SDN BHD

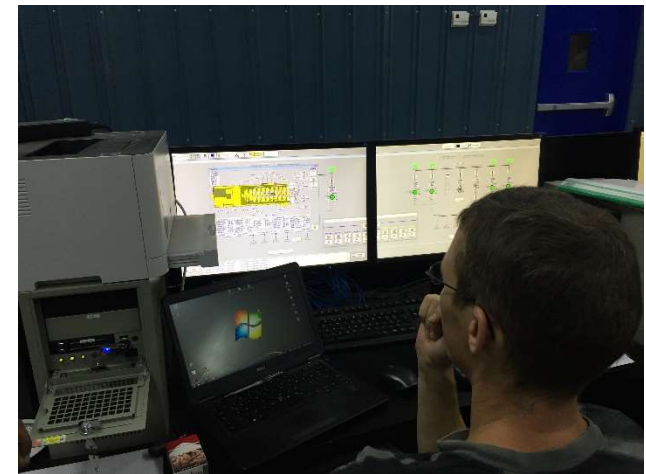## Making Data Work For You

Contact us at for more enquiry

www.gacs.com.my
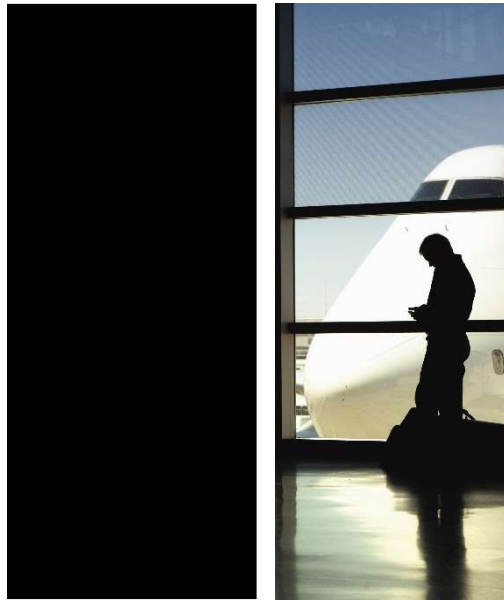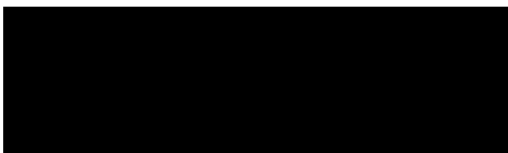
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Data Managament System (DMS)

Our Data Management System, is designed to cater all needs for every sector from manufacturing to marketing. In the fast pace world, our system will assist any conglomerate to better manage their assets and reduce the downtime. The system will increase the efficiency thus reduce operating cost.

We have a team that will design a platform and customize the system to the ISO standard or the standard by our costumer

Data Control at the tip of your fingertips

Why invest in Data technology? There are lots of benefit in investing in Data technology stated as below

- Production efficiency increase by double. Feedback from costumers after implementation are downtime for production reduce by halved.

- Increase profit and reducing manpower. Profit production is increased by 5 percent and reduction of manpower is made possible

- Headquarters will be able to receive information and data from every production line via VPN.

- Automated daily self generated report and will be emailed to respective department. Maintenance, storage, spareparts and labs results are generated to ISO standards

- Reduce Inventory cost and logistic cost

- Avoid unplanned shutdown with preventive maintenance software

How it works?

- The system is a standalone which connected to the existing control system The installed server will retrieve raw data from the system and perform the data management

- The then data is send through VPN to the HQ and to respective department.

- GACSTech have their own server which also offer VPN for our costumers who does not have their own VPN. There will be a minimal annual service fees for that

- GACSTech also offer HMI and all types of plc, the data management system will be include in it

Our System advantages

- Flexibility – Our system setup is a standalone system which can be integrated to any existing plc of any brand

- Do not require human intervention - Once the system is implemented, it will not only collect data automatically but also generate ISO report collecting specific data and paired it with lab results.

- Cost – Implementation such system can be costly. We, at Global have manage to keep the cost low

- Secured transmission – Global have its own VPN that are secured by our team to prevent access by unauthorized personal

- The system are created to notify irregularity process operation, important alarm notification, prevention breakdown notification, traceability results and real time viewing of the whole system

- Our system can link to utilities such as boilers, chillers and compressor air units.

RFID bottle sampling for traceability programme

Our system includes RFID bottle sample for traceability programme in our DMS system. With RFID bottled sample, user can determined location, time and date sample taken.

Report then will be generated with the lab result together with the actual process parameters during the time taken of the sample

System New Features

- Process book data logging – The system have a new feature for user to integrated modifications and performance monitoring after a period of time

- Email notification that can be assign to send to respective department

- Linking with marketing, Process plant that is performing or under performing can be evaluate instantly

Our Goals

- To utilize data available and optimize process plant operation efficiency

- To minimize human dependency thus reducing human error.