



Singapore Manufacturers'
Federation
新加坡制造商联合会



MANAGEMENT SEMINAR: Lean & Efficient Manufacturing with MES HYDRA® Value-Add without Wastage

Date: 05. May 2010, Wednesday

Time: 1.30pm – 5.30pm

Venue: 2 Bukit Merah Central, SPRING Singapore Building

Level 8, Training Room 1 & 2

Fees: FOC for SMA members, S\$40 nett for non-members

NOTE: *This seminar specifically addresses top level management & decision makers (CEO's, COO's, MD's, GM's, Directors of Operation, CIO's, IT Directors, QA-Directors)*

Singapore manufacturers are striving for **increased productivity** – in line with the government's initiated campaign for raising productivity in virtually all industrial sectors of Singapore. To achieve this, managements refer to the theories and models for “best practice manufacturing”: , such as “Lean Manufacturing”, “Six Sigma”, “Permanent Improvement (KAIZEN)”, “JIT-Delivery”, “Kanban”-based material replenishment, and so on. These programs are crucial and for further long term success in the future for all but every manufacturer. Top level decision makers are trying to initiate and cultivate them into their manufacturing organization – to have the right mindset at all internal stakeholders' levels, such as middle management, supervisors and workers.

In terms of information management infrastructure, many manufacturing companies deploy an ERP system, and integrate their organization into sophisticated SCM setups with external stakeholders, that all leads to a perfect business integration for activities such as sales, CRM, purchasing, warehousing, logistics, MRP/MRP II, production planning, HR, and others. **The actual production shop floor is often treated as a “step child”:** The IT management infrastructure on the production shop floor is very often completely based on pencil & paper (“spreadsheet management”, “job travelers”), walking-around, ERP-system data-entry only at shift end, telephone, deadline hunting and fire fighting. These manual activities make it difficult to realize further improvements through commendable programs like “Six Sigma” or others.

A mature IT management infrastructure on the shop floor helps effectively to increase productivity:

The leading **Manufacturing Execution System (MES) HYDRA®** from the worldwide MPDV Group with 33 years of impeccable history in service and growth provides unmatched information transparency for the operational areas of **PRODUCTION, PERSONNEL** and **QUALITY** in your discrete manufacturing environment - simply to make your life easier in scheduling, capturing, viewing and evaluating your production shop floor, along with powerful ERP-system interfaces as well as human interfaces for shop floor supervisors/operators and direct machine connectivity to any machine such as state-of-the-art SMT Machines, Injection Molding Machines, CNC Work Centers, Ovens, Printing Presses, Coil Slitting Lines or simply manual operator fixtures.

When considering the overall project implementation budget for the **Manufacturing Execution System (MES) HYDRA®**, it is only a small fraction of the actual asset value of all workcenters/facilities/materials that are going to be optimized. Considering a performance improvement of each workcenter by just a few percentage points through proper use of **HYDRA®**, healthy ROI's can be achieved in a very short term. Real life has proven it - in almost every country. ***We are going to show you how others have done it. Join us – and judge yourself!***

Key Benefits Summary:

- **Optimize machine/workplace efficiency and effectiveness**
- **Stay in control with reliable figures about labor times, machine times, yield/reject rates**
- **Get a firm grip on all quality issues and stay in control**
- **Improve job scheduling along the shop floor and improve delivery times**
- **Optimize WIP and control your material movement along the shop floor**
- **Support your business level with real time information transparency from the shop floor**
- **Reduce paperwork and manual data collection efforts and have satisfied employees**



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Programme Agenda:

- 1.30pm: Registration
- 2.00pm: Traditional or conventional way of production costing for discrete production management
- 2.15pm: The cost potential vs the process potential in every manufacturing company
- 2.45pm: Manufacturing process transparency through the MES (Manufacturing Execution System)
- 3.45pm: Tea Break
- 4.00pm: The potential of improving throughput-control (shop-floor scheduling)
- 5.00pm: Q&A / Cases References

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Please tick ✓ <input type="checkbox"/> Complimentary for SMA member <input type="checkbox"/> S\$ 40 nett Non-SMA member <i>Fee includes reception and GST</i>	Please revert to: Ms. Michelle Fuan Singapore Manufacturers' Federation (SMA) Tel : 68263050 Fax : 6826 3068 Email : michellefuan@smafederation.org.sg
PARTICIPANT DETAILS	
Company :	
Address :	
Postal :	
Tel :	Fax :
Website :	
Nature of Business Activities :	
Name of Participant (1) :	
Designation :	
Mobile Contact :	Email :
Name of Participant (2) :	
Designation :	
Mobile Contact :	Email :
METHOD OF PAYMENT (only for Non-SMA Member)	
Kindly issue crossed cheque payable to : "Singapore Manufacturers' Federation" Cheque Number : _____ Amount : _____ 2 Bukit Merah Central, SPRING Singapore Bldg, #03-00 S159835 Attention : Ms May Fang, Membership and Industry Development <i>Please indicate name of participant and name of event behind your cheque.</i>	

Notes : No cancellations is allowed. A confirmation note will be sent 3 days before the event via fax. However replacements are welcome. No shows will be billed at \$40. All bookings will be taken as confirmed and will be billed accordingly unless otherwise notified. SMA reserves the right to change/cancel any part of the programme.