

Maximising Operational Excellence Thru'

Next Generation

LEAN MANUFACTURING

29-31 JULY 2008 . JW MARRIOTT, KUALA LUMPUR

362% Reduction of Customer Returns

316 Hours Savings of Wasted Time

85% Reduction of Setup Time

95% Reduction of Lead Time

330% of Plunged Inventory

The key behind these astonishing figures?

One Robust Principle...LEAN

Developed By:





The Fact .

"The US financial crisis has spiralled into "the largest financial shock since the Great Depression" and there is now a one-in-four chance of a full-blown global recession."

Manufacturers seeking to exploit global markets, will soon be hitting an 'invisible' but nonetheless debilitating wall; mounting complexity across the value chain and lackluster business performance. As the economic pendulum swing on the opposite direction, cost cutting pressures are likely to put lean thinking back in the spotlight.

LEAN TIMES DEMANDS LEANER OPERATIONS

Yet, amid these mounting complexity, many forward thinking manufacturers are fully positioned for the challenge as they continue their quest for growth and profitability.

THEIR SECRET WEAPON ... - LEAN MANUFACTURING -

THE RESULT...

70% Reduction in Inventory ▶ 30-60 % Slash of Direct Labour Cost
50% Savings of Overhead Labour ▶ 40-60% Reduction in Direct Materials Cost
40-60% Less Defects ▶ 30-40% Cut in Capital Equipment and Capex

BEHIND THE NUMBERS...

Amazing business success stories, steadily taking market share from price-cutting competitors, earning far more profit than any other manufacturers, and winning the accolade of business leaders worldwide. Intelligent moves in every corner of the operation, from product design and marketing to manufacturing and leadership.

THE THIRST...

Many who have emulated this phenomenal system have seen double and triple digit productivity growth, as well as unprecedented inventory reductions. This included names like GE, Autoliv, Baxter, AMD, Solectron, Xerox.....

TODAY...

Lean thinking is bringing competitive improvements not just throughout the value chain, but throughout the company as lean principles are beginning to be applied to back-office functions as well.

THIS ADVANCED MASTERCLASS...

Will divulge how to get beyond a focus on the surface tools and techniques of Lean by creating a Toyota-style culture of quality - by showcasing a **LEAN LEARNING ENTERPRISE**. You'll learn how to...

**OPTIMISE MATERIALS FLOW ▶ IMPROVE THE SPEED OF YOUR BUSINESS PROCESSES
▶ IMPROVE PRODUCT AND SERVICE QUALITY ▶ CUT COST
NO MATTER WHAT YOUR INDUSTRY**



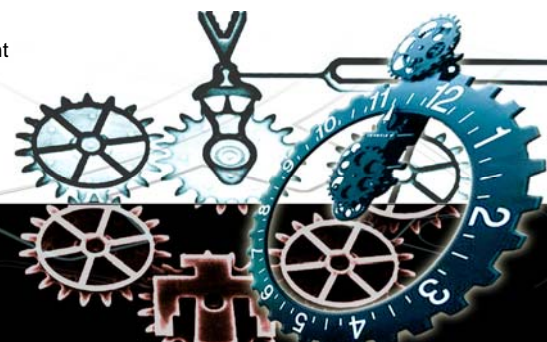
Lean Manufacturing isn't an option any more - it's a necessity!!!

**YOU WILL WALK AWAY HAVING POWERFUL GRASP
OF WORKING SKILLS TO:**

- **Create** a Lean Culture within your organisation
- **Shift** organisational focus towards an effective lean strategy
- **Examine** the Lean philosophy, performance goals and its success factors
- **Eliminate** waste and optimise profits and productivity
- **Apply** lean thinking in the DNA of your operations and business processes
- **Strategise** a Lean technique that relates to your own manufacturing situation
- **Avoid** common pitfalls encountered during Lean implementation
- **Identify** Lean Manufacturing techniques to be implemented smoothly and effectively
- **Explore** the key requirements for successful employee involvement in Lean practices
- **Implement** cross department teamwork and rewarding contribution for employees at all levels
- **Drive** the entire organisation to the 'Least Waste Way' of operating for continuous improvement
- **Use** lean ideas to see project works as a 'process' and to think about its improvement along the entire value-chain
- **Implement** strategies to increase process performance through Lean-Thinking people while assuring their job satisfaction



**Register today and receive
One FREE E-CONSULTING
advice from
Dr. Carlo Scodanibbio**





Workshop Outline

"Case studies shared during the workshop will illustrate productivity scores of between 35% and 120% of expected improvements." - Dr. Carlo Scodanibbio

Module 1 World Class Manufacturing Operations

- Understanding the scenario

Module 2 Value Adding Management In Manufacturing Industry

- Focusing on the productive processes to maximise the output value
- Identifying waste in manufacturing operations

Case Study - "Spot The Waste!"

Module 3 Systematic Elimination Of Waste In Manufacturing Industry

- What is waste: Classification of waste
- The SOCO (5S) approach as a starting point for fighting waste
 - Halting waste proliferation
 - Reducing waste
 - Eliminating waste

Module 4 Productive Systems

- The "Batch" and "Line" types of operations
- The "push" and "pull" productive methods
- The Kanban approach to pull production
- Why the Kanban method is no longer to be considered "lean" and in which cases it should be adopted
- Effects of the "push" method

Case Study - The "Stock" Issue

Module 5 Productive Process Time And Cost Analysis

- Identifying value-adding and non-value-adding activities
- Understanding "takt-time", "throughput-time", WIP (work-in-progress) and their inter-relationships

Module 6 The Target

- Flow Production, or production with no waste

Module 7 The Relationship Between

- JIT - Just in Time, LM - Lean Manufacturing and Flow Production

Module 8 The Small-Lot Production Systems: The Smaller The Lot, The Less The Waste!

Case Study - One-Piece Flow vs. Batch Production

Module 9 Flow Production In Three Different Situations

- Labour-intensive
- Machine-intensive
- Combination

Case Studies

Module 10 The Stock Issue

- Why does stock pile up and (sometimes) flood the factory?

Module 11 What Are The Necessary Requirements To Implement Flow Production

- Flow Production's golden rules
- How to reduce drastically all lead times through flow production: Produce today what your customers ordered yesterday

Module 12 Is Continuous Flow Production Suited To You?

- The product-quantity analysis
- Process mapping
- Process-razing studies

Module 13 Cell Production And Group Technology

- Design of manufacturing cells: Principles and techniques
- When to consider One-Piece-Flow production and Cell Manufacturing
- How to improve productivity by a minimum of 35%, by eliminating the bulk of the waste

Module 14 Plant, Equipment, Machinery, Layouts And Flow Production

- The relationship between Lean Manufacturing and Total Productive Maintenance (TPM)
- Lean Disciplines: TPM basic principles for the Manufacturing Industry
- Not all machines are suited for Flow Production: How to avoid the "super star galactica" cul-de-sac

Module 15 Flow Production And Quick Change-Over: The Missing Link

- Lean Disciplines: The Quick Change-Over approach
- How to improve set-up and change-over time by 50% to 80%
- How to achieve "instantaneous change-over" situations

Live Simulation

Module 16 Total Quality Management (TQM) and Lean Manufacturing

- Flow production to maximise quality and productivity - the link quality/productivity - the techniques
- Lean Disciplines: The 6 Sigma Methodology for drastic reduction of process variability - overview

Case Study: The 100% Testing Approach In Manufacturing

Interactive Case Study: Lean Disciplines - The Poka-Yoke Approach For Zero-Defects

Module 17 How To Deploy LM Techniques In The Manufacturing Industry

- Starting from the top or from the bottom?
- Can Flow Production be extended factory-wide? The mixed "push/pull" compromise
- Where and how to position the "coupling" between the "push/batch" and the "pull/flow" systems
- Basic Lean and Continuous Flow principles for the Continuous Process manufacturing industry and the highly mechanised/automated factory

Module 18 Value Stream Management: A Global Approach To Lean

- The Value Stream Mapping technique: A practical deployment of all Lean Disciplines in an integrated fashion
- The VSM "storyboard": A common, practical tool understandable both to Top Management and to Shop-floor people
- The "Milestone Charter" and the Kaizen approach to the implementation of Lean Improvement projects

Module 19 New Relationship With Suppliers for Lean Manufacturing

- Understanding the "Value-Chain" principle in manufacturing and the strategic role of suppliers and sub-contractors
- Suppliers evaluation, classification, rating and grading - Overview
- Lean approaches to Supply Chain management
- Is "co-makers hip" suited to you?

Module 20 New Operations Management Style for Lean Manufacturing

- Simple is beautiful!
- Small is beautiful!

Module 21 People for Lean Manufacturing: Multi skill, Multi-function, Flexible, Responsible, Empowered

- New challenges for Human Resources Management, and new frontiers in people performance
- Management's and employees' approach to Lean Manufacturing
- TEI -Total Employee Involvement and Lean Manufacturing: The perfect symbiosis

Lean Manufacturing: A Cultural Revolution

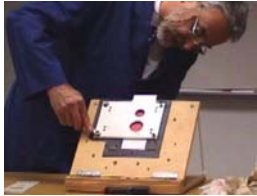


This highly interactive workshop is designed to provide participants with practical and 'hands-on' insights on Lean Manufacturing, along with effective strategies and tools to achieve desired outcomes through practical case studies and live simulation. Derived from Dr. Carlo's extensive insights on Lean Manufacturing processes, this workshop will be conducted through a highly engaging, participative and result-orientated approach that gives you an immediate and substantial results.

The Expert .



Dr Carlo Scodanibbio is an internationally renowned Trainer, Speaker and Industrial Consultant with over 37 years of experience in Plant Engineering, Project Engineering, Project Management, Industrial Engineering and Operations Management. A free-lance Consultant since 1979, he has worked in a wide spectrum of companies and industries world wide including Mauritius, Cyprus, Italy, India, Saudi Arabia, Malta, Namibia, Kenya, Botswana, Malaysia, Romania, Lebanon and South Africa.



Carlo also co-operated, inter-alia, with several organisations such as Italian Chambers of Commerce and Industry, Cyprus Chamber of Commerce and Industry, Cyprus Productivity Centre, Malta Federation of Industry, Mauritius Employers' Federation, Romanian Paper Industry Association, United Nations Industrial Development Organisation, Federation of Kenya Employers and University of Cape Town.



*"An excellent course.... Fantastic Italian "Maestro" who takes you from zero to hero....
Thank you Carlo !!"- Stephen Van Rensburg, CTI South Africa*

Enthusiastic, optimistic and a dynamic facilitator, Carlo has been a frequent instructor and speaker at seminars and courses attended by over 13,000 participants. Carlo, holds a doctorate degree in Electrical Engineering, and has written numerous articles and research papers which have been actively published in many manufacturing newsletters, bulletins and international magazines.



His illustrative list of clients include Baxter, ABI (Coca-Cola Bottlers), Air Malta, Aspen Pharma, De Beers, Kapa Oil Refineries, Nissan Diesel, Pretoria, Puma Jersey, Pioneer Foods, Hydro Tech, Nestle, University of Cape Town, Woolworths, Wonder Foods, Zamco, Colgate-Palmolive, Mahindra & Mahindra, Goodyear, General Motors, Trevor Abbott, Sara Lee, Tata Power Company, Malta Shipbuilding, Aventis, Union Steel, Coca Cola Swaziland, Stalco, Eureka, Alco, Bharat Aluminium, Johnson & Johnson, Moser Baer, Ranbaxy, Al Khobar, Sunbeam, Gail India, Playmobil, Sarrat Group, BASF, Tapal Tea Pakistan, British American Tobacco, Owens Corning, Whirlpool, First National Bank and Afrox.

***"Excellent course! Carlo is brilliant and liberates the mind
from the chains of traditional thinking that inhibits any real progress
in improvement in the workplace."***

-Yuri Mynhardt, Circuit Breaker Industries

FROM THE DESK OF DR. CARLO SCODANIBBIO...

Dear Delegate(s),

I am excited about bringing our Lean Manufacturing workshops to Malaysia. I have studied for over 37 years the best manufacturing companies in the world, met most of the great geniuses and gathered and disseminated their information for international competitiveness. The Lean Philosophy is changing the way organisations operate. No longer stuck in the paradigm of "mass" thinking, many manufacturing enterprises have tried to adopt some portions of the Lean road. Many have failed. Many have rushed off, taken a course and pronounced themselves LEAN. Yet very few have tested the depths of overall performance enhancement and added competitiveness possible with a complete change of paradigms in the "lean" direction.

This course will be a shocking course for many of you, because it demystifies all traditional principles of the first industrial revolution which majority of manufacturing enterprises are built or operate until today. By presenting in rather great detail the philosophy of the second industrial revolution and the main tools and disciplines readily available to all manufacturing enterprises to perform in an "excellent" status, this course is a door-opener to lean practices for whoever is: ready to listen to the message – prepared to abandon obsolete principles, formulas and approaches – willing to get to "lean" status.

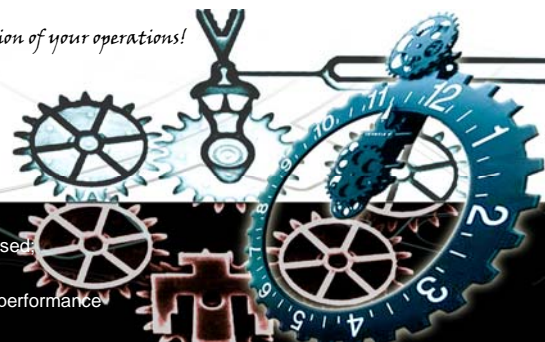
This course will prove that competitiveness today can no longer be achieved by merely cutting costs or revamping technology: because cutting costs has a floor, while performance improvement through maximisation of value-added and waste elimination has no ceiling – and because technology alone does not generate the levels of output value enterprises and organisations need to tackle the challenges of the new millennium.

We GUARANTEE that you will leave this workshop with the knowledge and tools to improve the value proposition of your operations!

See You Soon in Kuala Lumpur!

Dr. Carlo Scodanibbio

***"Excellent course, and you are a crazy man!!"
- Whirlpool, India***



The Shingo Prize - 2008 Bronze Medallion Recipient

Delphi Steering Prototype Operations has applied Lean Manufacturing and the following accomplishments have been realised:

Quality - 71% Reduction in Customer related issues. **Delivery** - On-Time Delivery Improvement from 87.9% to 98.5%.

Cost and Productivity - 169% Improvement in "Work In Process" Inventory Turns. **Profitability** - 10.8% Average annual performance improvement in "Operating Income on Manufacturing Assets".

REGISTRATION...

NEXT GENERATION LEAN MANUFACTURING

29-31 July 2008 . JW Marriott Kuala Lumpur

PAYMENT

A confirmation letter and invoice will be sent upon receipt of your registration. Please note that full payment must be received prior to the event. Two easy way to pay

• Telegraphic Transfer

Bank : Maybank Berhad
Branch : Desa Pandan, Kuala Lumpur
Malaysia
A/C No : 514543111415
Swift Code : MBB EMY KL

• Foreign Demand Draft in USD to be drawn in a MALAYSIAN Bank.

All payments by cheque should be made in favour of:-

Intelligence Business Networks (M) Sdn. Bhd.
160-3-1, Kompleks Maluri
Jalan Jejaka, Taman Maluri
55100 Kuala Lumpur
Malaysia

Note: Payments must be received within 7 days upon issuance of invoice

HOTEL RESERVATION DETAILS

JW Marriott Hotel
Kuala Lumpur
183 Jalan Bukit Bintang
55100 Kuala Lumpur, Malaysia
Tel : 603 2715 9000
Fax : 603 2715 8111



Room Reservation can be made by delegates directly with the hotel. To enjoy privileged room rates, please state you're attending an event organised by IBN International. Please call Ms. Ros at 603 2719 8210 or email at roseat@ytlhotels.com.my

CANCELLATION POLICY

Due to contractual obligations, cancellation charges are as follow:

- *20 to 10 days notice : 50% of the workshop fee
 - *9 to 3 days notice : 70% of the workshop fee
 - *2 days or less notice : 100% of the workshop fee
- (* Based on working days only)

However, complete sets of documentation will be sent to you. Substitutions are welcomed at any time. All cancellations of registration must be made in writing.

Note: It may be necessary for reasons beyond control, to change the content and timing of the event, speaker(s) or venue, every effort will be made to inform the participants of the change.

CERTIFICATE



Delegates who successfully complete this course will receive the prestigious IBN's Certificate of Achievement; a statement of Intelligence endorsed by world renowned subject matter experts.

VISA REQUIREMENT

Delegates requiring visas should contact their Respective Embassies or High Commissions in their country of residence as soon as possible

PROGRAM CUSTOMISATION

To get the most value out of this workshop, participants will be required to complete a Pre-Course Questionnaire. This information will be used to tailor the workshop content and delivery methods to meet your specific needs. The Questionnaire will be sent to delegates immediately upon receiving the registration form.

Investment

**3-DAY
WORKSHOP FEE
RM 5290**

**EARLY BIRD REGISTRATION
RM 4990**
(register before 23rd June 2008)

**GROUP DISCOUNT
SAVE ADDITIONAL 10 %**
(for the 3rd and subsequent delegate from the same organisation)

**Please complete this form immediately and fax to
603 - 9200 7946**

PARTICIPANT DETAILS

Name 1 Job title

Name 2 Job title

Name 3 Job title

(name in full)

INVOICE SHOULD BE DIRECTED TO

Company

Business Address

Name Job title Dept

Email Tel No Fax No

Name of Authorising Manager Job title

Signature Date

This Booking Is Invalid Without A Signature

INFORMATION

**For further information on this event,
please contact our Program Managers
at 603 9206 5800
or e-mail: ibn@intel-biznet.com**

WORKSHOP SCHEDULE

Registration	0830
Course begins	0900
Morning Refreshment	1030
Luncheon	1300
Afternoon Refreshment	1530
End of the day	1700

The Shingo Prize - 2008 Silver Medallion Recipient

The Raytheon has applied Lean Manufacturing in its Six Sigma process and the following accomplishments have been realised;

- Growth** - Steady increase in sales: 62 percent over the last four years
- Cost** - Sales per employee have increased 43 percent over the last three years
- Delivery** - Lead times have improved by 13 percent during the three year period ending 2006
- Quality** - ISO 9001 and AS9100 certified
- Customer Satisfaction** - Customer complaints in PPM have improved by 320 percent in the three years ending 2006

WHO SHOULD ATTEND

This course is designed for Managing Directors, Senior Vice Presidents, Vice Presidents, General Managers, Project Officers, Directors, Heads of Department, Managers, Senior Executive and Supervisors that are responsible for:-

- Operations
- Production
- Process
- Quality Assurance
- Planning
- Facility Management
- Continuous Improvement
- Lean Production
- OEM & OEE
- Reliability
- Manufacturing
- TQM
- Lean Initiatives
- Improvement
- Office TPM
- Engineering
- Factory Operations
- Inventory
- Machine Operation
- Maintenance
- Purchasing
- Shop Floor Supervision
- Production Control
- Mechanical and Project
- Design Engineering
- Technical Integrity
- Condition Monitoring
- Reliability Monitoring
- Plant Management
- Equipment
- Refinery Management
- Maintenance Support & Planning
- Inspection and Control
- Engineering and Technical Materials