

Win More, Do Less

IT Solution Forum

by HP & Independent Software Vendors



MSC RFID Real Time Shop Floor Solution

Garment & Apparel :

Understand your workforce in dynamic shop floor environment to enable real time production realization



Presented by: **Eva Yim**
President
MSC Limited
Date : **1st Jun, 2007**



Agenda

- The challenge faced by manufacturers
- How to react by MSC RFID Real Time Solution
- A real sharing on how to face challenge



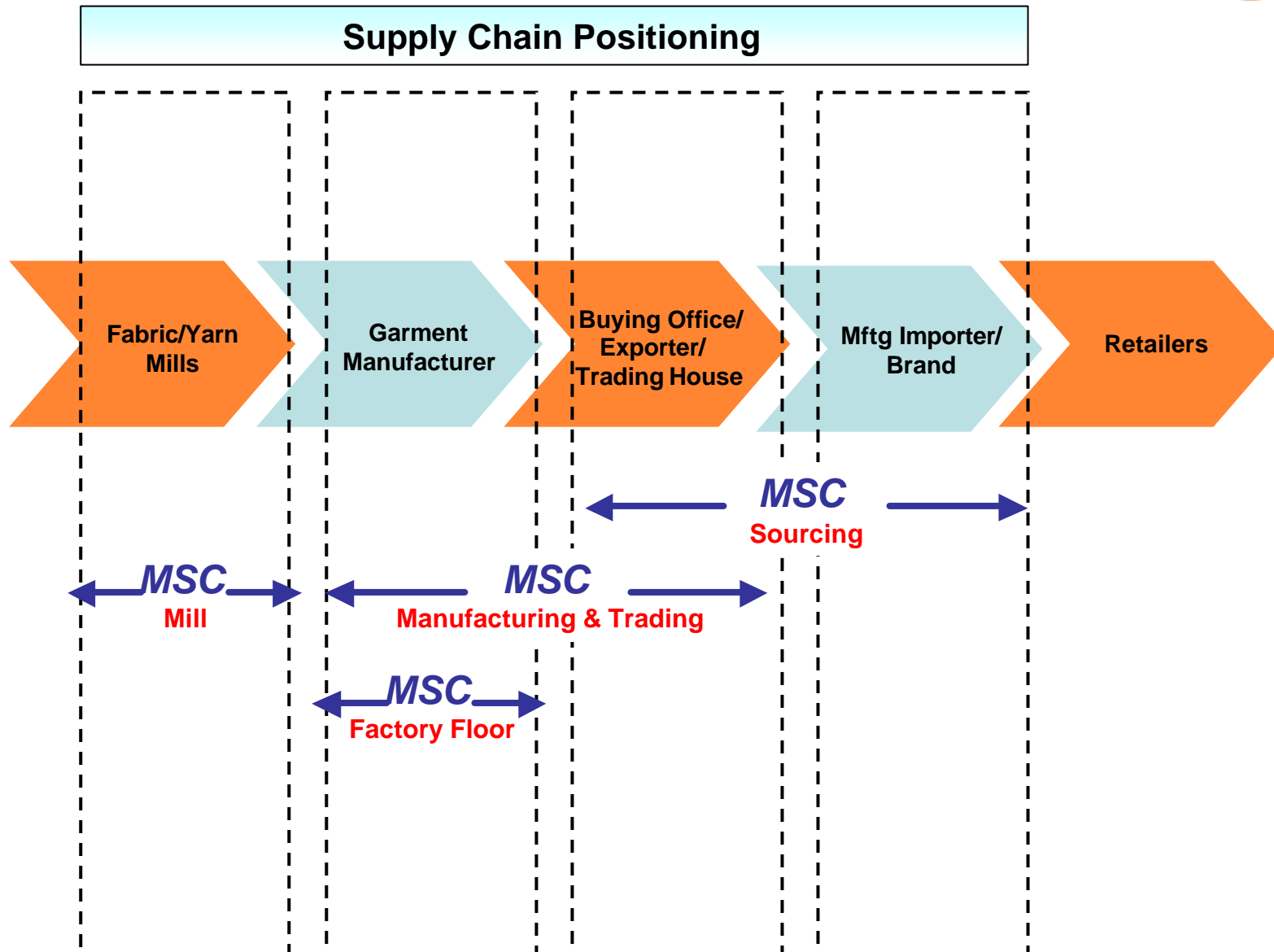
MSC Background 公司背景



- Technology solutions provider for the apparel industry 專為成衣工業提供技術方案之供應商
- A subsidiary of Wing Tai Group
(Listed in SEHK, Singapore and Malaysia)
永泰集團全資附屬公司
- 250+ corporate clients
擁有超過250位企業客戶
- 200+ professionals across Hong Kong, China, and US
200 多位專業人員分佈於中、港、美



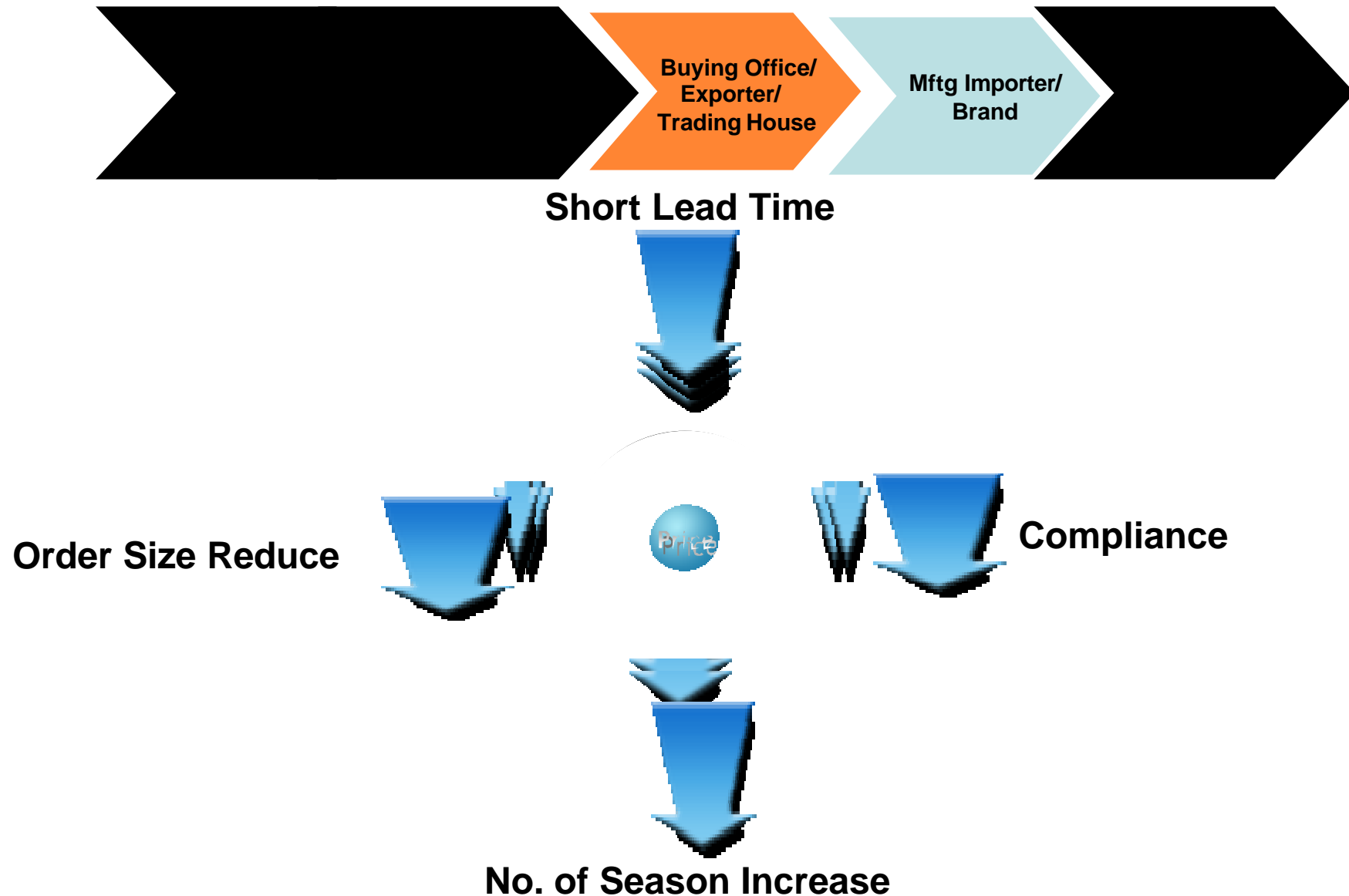
What is our core business?



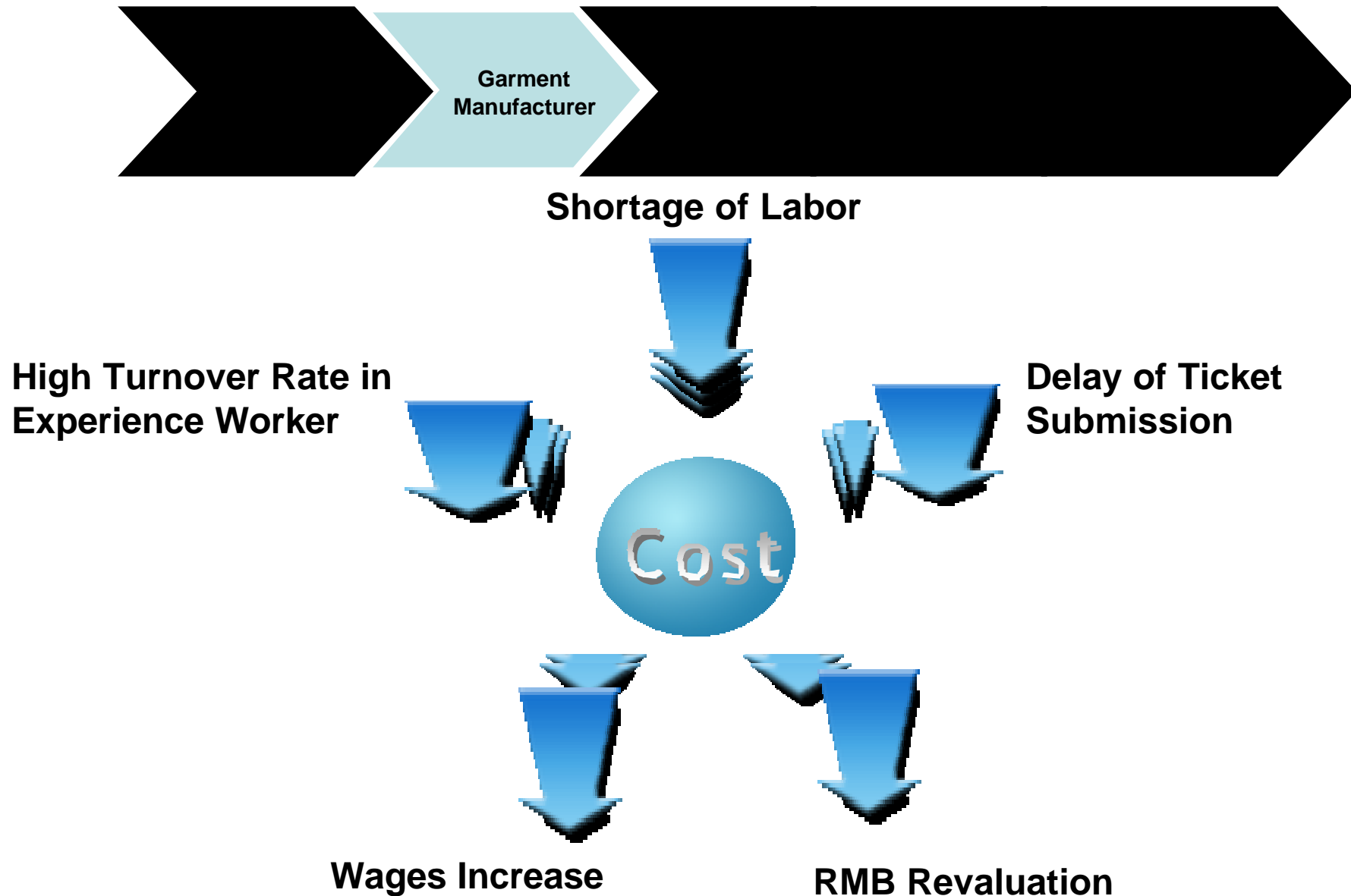


The challenge faced
by manufacturers

Pressures from Customer Side



Pressures from Manufacturer Side



The only way that manufacturers can react

Increase Productivity

Increase Efficiency



In the past 30-40 years, most of apparel manufacturers find hard to improve as production management is relatively primitive.

Most of them are :

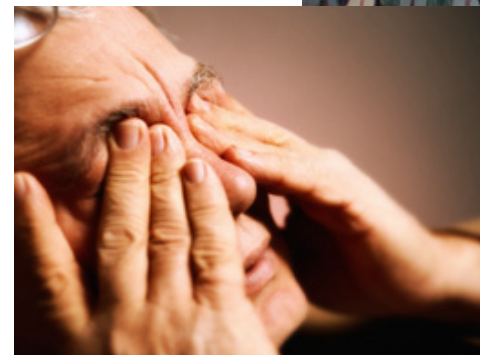
後知後覺

Manage by 3 'E's

1st E - Eye

2nd E - Estimation

3rd E - Experience



後知後覺 → 即知即覺

Eye



Data

Estimation



Information

Experience



Knowledge





MSC RFID Solution

- 即知即覺

Video In Action



MSC's RFID factory floor are designed in alignment with  each objective.

推行MSC 工場管理系？之目的

Management
Control
工場監控



我的款號



我的生產單



我的員工



我的品質

Productivity
提高生產力



我的目標



我的瓶頸



我的工場

Management
Intelligence
管理數據分析



我的分析



我的查詢

MSC's Patented Factory Floor System 專利研發之工場管理系統



1. Does not change the current process significantly
現行運作不需作大改動
2. Worker operation is simple .. no key-stroke
操作簡易, 無須繁複輸入
3. Simple frontend, Intelligent backend
工場設備簡潔, 配合後方系統之詳盡分析
4. Everything is real time
各項情? 作實時匯報
5. You and your team can see everything from everywhere
您和組員無論身處何地仍可 “ 一目了然 ” 運籌帷幄
6. Practical (Readers < HK\$100 each, Cards < HK\$1.5 each)
實踐應用 (閱讀器每部少於HK\$100 , 讀咭每張<HK\$1.5)



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Management
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管理數據分析



我的分析



我的查詢



Benefit from RFID

Benefit from RFID Project 使用工場方案之好處



1. Push up productivity
提高廠房生產力
2. More transparency in production line
提高生產線之透明度
3. Provide real time accurate data for decision making
提供準確數據以作決策
4. Payroll Saving
減低因“收集工票”所產生的工資超支問題
5. Reduce Wastage
減低生產損耗
6. Relief the pressure in middle management
減低中層管理之壓力
7. Better customer service
對顧客提高更好服務





Return on Investment

投資回報

Return on Investment 投資回報



1. Productivity can increase up to 30%
生產力可提升30%
2. Defect rates can decrease by 10%+
次品率? 少10%以上
3. Payroll savings is 8% to 10%
工資可節省 8% 至 10%
4. Payback period is 6 to 9 months
回本期為 6 至 9 個月





For more information
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Thank You !!

