



# *Silcon Electronics*

## Project Experience Sharing

silcon®

Henry NG  
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Your total solution to excellence  
卓越成就 源自優質管理



# History

- Established in 1979
- Manufacture quality clocks/watches
- Export to global clients
- ISO certified company since 1994
- Founding member of Hong Kong Watch Manufacturer's Quality Club.
- Prestigious Awards



# Project Plan

- **Initial areas to improve**
  - **New Product Development**
  - **Mindset**
  - **Supply Chain**
  - **Mould/Tooling Shop**
  - **Safety & 5S**

# Improvement Projects

## ➤ New Product Development

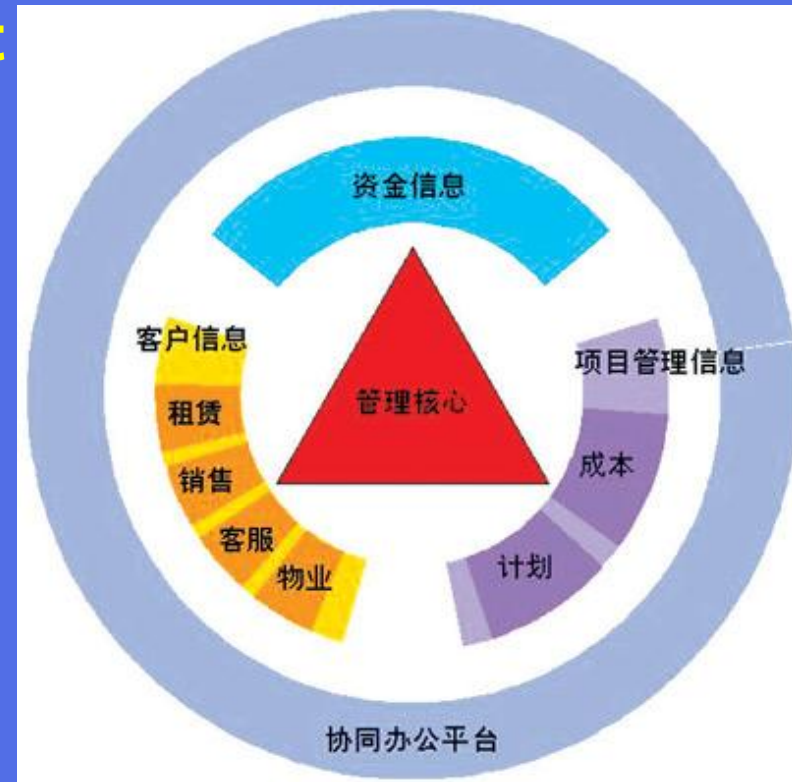
- Time to market reduction
- Engineering manual

## ➤ Staff

- Mindset transformation
- Ownership & Teamwork

## ➤ Production

- Shop-floor improvement
- PMC & Supply Chain
- Tooling shop safety & standardization



# On-site Coaching and Monitoring

## ➤ Implementation:

- TQM Consultancy, on-site with Silcon





# New Product Development

## ➤ New Product Development (NPD)



# NPD Achievements

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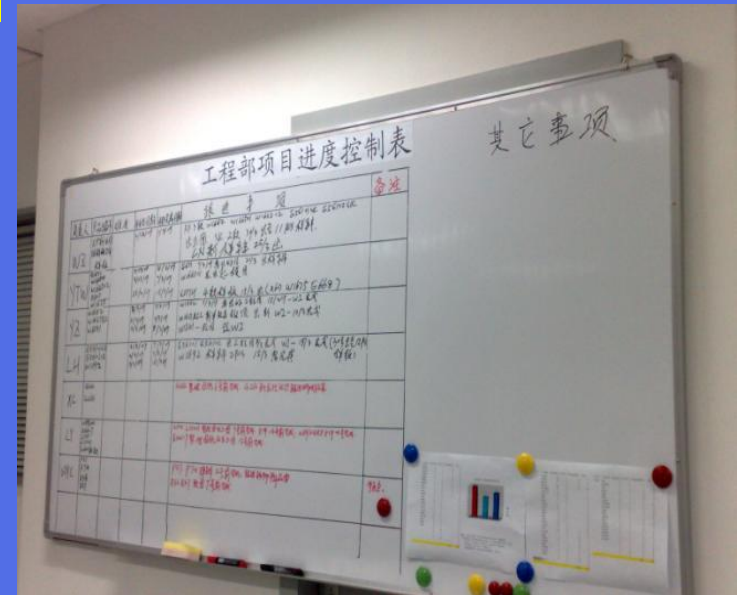
### ➤ Reduced the cycle time by 30%



# NPD Achievements

## ➤ Achievements:

- Reduced the cycle time by 30%
- Upgraded engineering team
- Developed engineering manual
- Harmonized with other Depts.
- Quality design output





# Staff – Training

## ➤ Training on teaming/ownership





# Production

## ➤ Mould / Tooling Shop

- Rationalized storage control
- Implemented 5S
- Standardization
- Safe work environment





# 5S Example



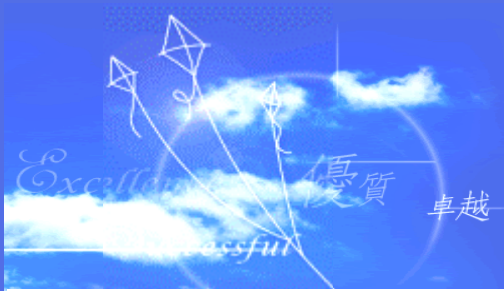
Before



After



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# Supply Chain

- **Integrated and optimized Supply Chain**
  - Improved material control (PMC)
  - Partnership with sister suppliers
  - Established the win-win co-operation



# Summary -Achievements

- 
- Reduced cycle time of NPD
  - Optimized internal management of Engineering
  - Mindset and staff transformation, better morale
  - Enhanced efficiency of materials management
  - Safety, 5S and tooling shop standardization
  - Continual Improvements – LEAN & Supply chain...



# *Special Thanks*

- **Partner with TQM**
  - Substantial improvements
  - Continue to strike for excellence !

**Sincere Thanks to TQM &  
Wish TQM the Bright Future !**