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TECHWON KOREA
TECHNOLOGIES CO.,LTD.

NEW LEADER OF 21TH CENTURY!

1. Company Overview

- Company Profile
- Company History
- Organization

001

Company Profile

TECHWON KOREA
TECHNOLOGIES CO.,LTD.

Company Overview

NEW LEADER OF 21TH CENTURY!

Our Vision

(Techwon Korea Co.,Ltd.)

22 (11 , 6 , 5)

, , , PCB,

3

2 2789

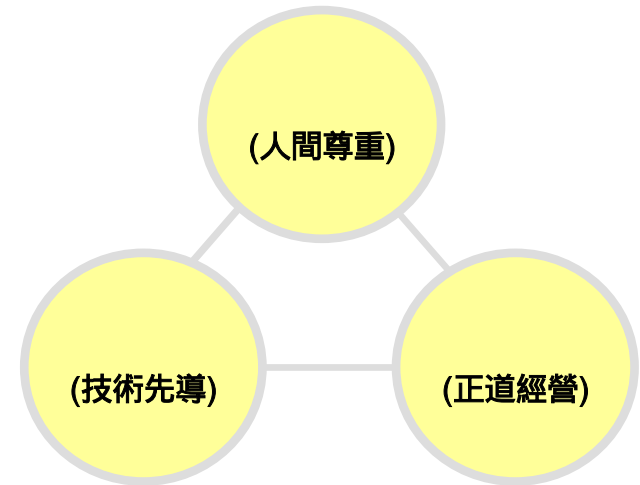
043)232-7253(代), 7250, 7255, 7256

043)232-7254

<http://www.itechwon.co.kr>

➔ **Vision** TOP Class Service

(For the people, To the world)



(相生共榮) /

(信義誠實)

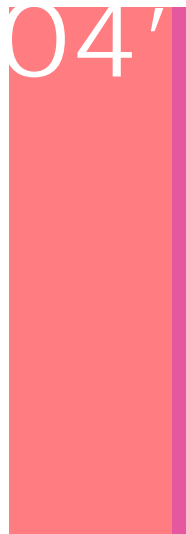
002 Company History

TECHWON KOREA
TECHNOLOGIES CO.,LTD.



11 Repair & Engineering Team
System R&D Team
Data Recovery Team
Hynix

12 DCS, PLC



03 () PC Modify
SDS

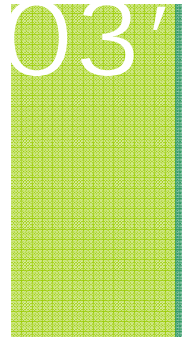
04 Olympus System Modify
NEC Workstation Modify

06 Siterra Control Unit Repair

07 Engineer
BOD hydys PC

09 Monitor Modify
LCD Monitor Modify
DCS, CRT Touch Monitor,

11 CRT Touch Monitor
LCD Touch Monitor Modify

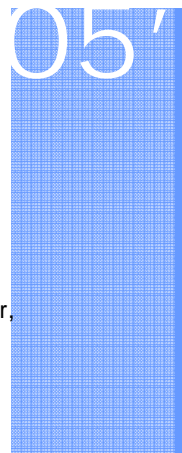


01 Hynix Repair
Hynix Repair Unit
Hynix PCB Modify

03 PCB Repair Unit Modify
PCB Repair Unit Modify

04 , Hynix, Data

08 T.I KOREA Repair
T.I KOREA Modify Repair
T.I KOREA Test



03 Applied System Upgrade

05 NEC PC
LG philips LCD

06 (LCD)

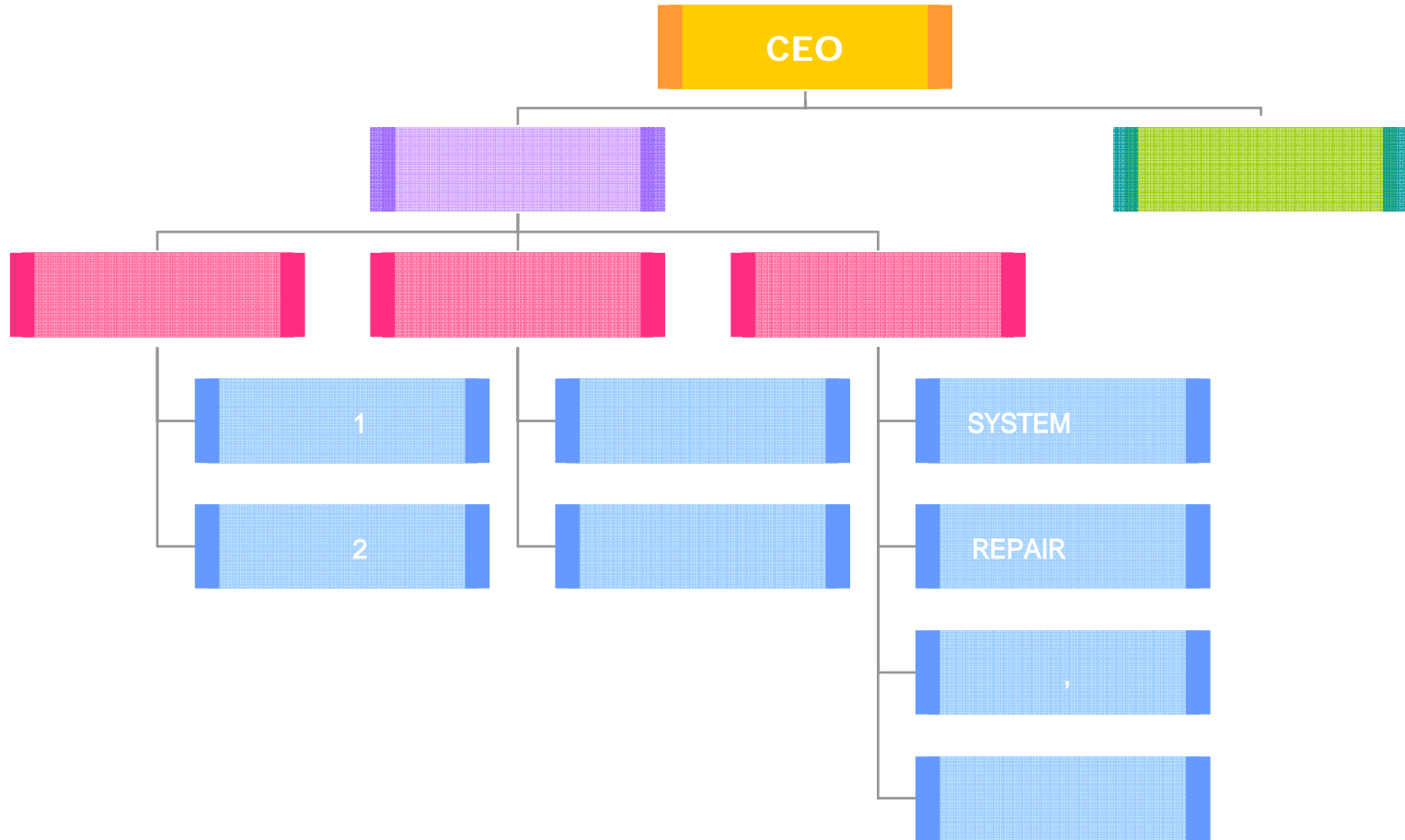
07 Magna Chip NEC Workstation
Magna Chip Maintenance

10 40
()

11

003 Organization

TECHWON KOREA
TECHNOLOGIES CO.,LTD.



CONTENTS

TEHWON KOREA
TECHNOLOGIES CO.,LTD.

NEW LEADER OF 21TH CENTURY!



2. Business Introduction

- **Major Business Item**

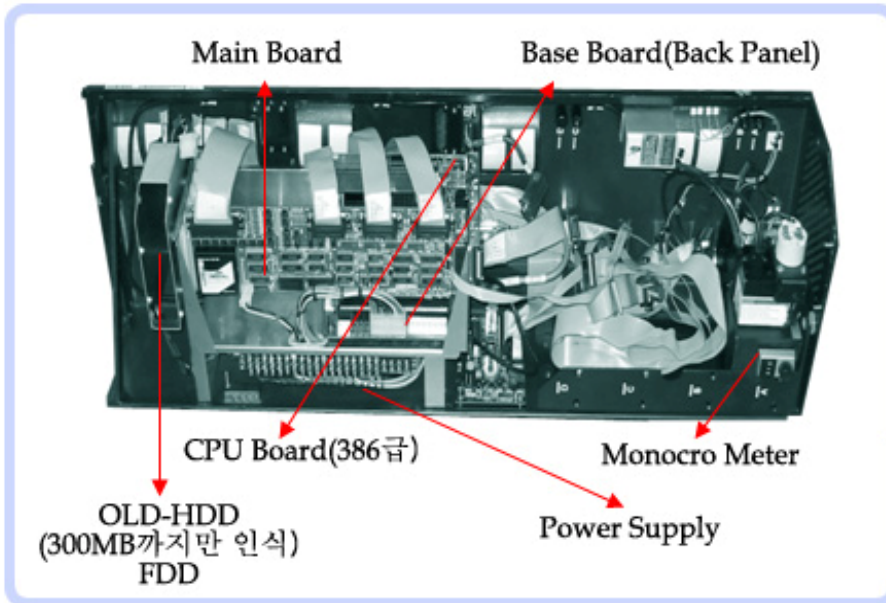
- System Modify
- SCSI HDD
-
- Monitor Modify
- Robot Repair
- PC, Workstation Repair Modify
- Power Supply Repair Modify
- PLC, DCS Maintenance
- Data Recovery, Back-up, Data Consulting

004 System Modify

TECHWON KOREA
TECHNOLOGIES CO.,LTD.

APPLIED MATERIALS ETCH P-5000 EPD SYSTEM Modify

* P-5000 EPD System



EPD System Modify

- : Engineer ((ETCH))
Wafer 가
- : 30%~40%
- : Modify 가

가 : Applied EPD가

| Fail List | EPD System | Modify EPD System |
|---------------------|------------|-------------------|
| EOP Error | 100% | 90% |
| Time out Error | 100% | 85% |
| Communication Error | 100% | 80% |
| CPU Board Error | 100% | |
| Power Supply Error | 100% | |
| HDD Error | 100% | |

005 SCSI HDD

TECHWON KOREA
TECHNOLOGIES CO.,LTD.

SCSI TO C/F Memory Converter

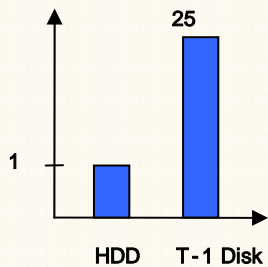


• Overview

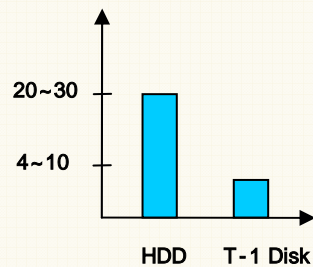
- EIDE/SCSI
- Memory TYPE
- Update 가
- Error : IDE <-> C/F Memory 가

• Applications

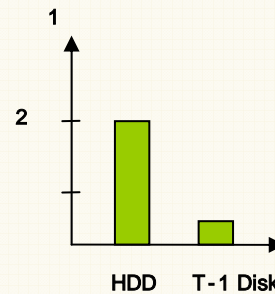
- Semi Conductor / (AMAT Machine)
- LCD Factory.
- HDD System Machine.



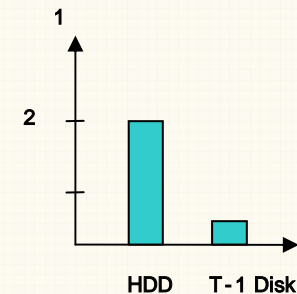
1) Life Time



2) Format Time



3) Data Loss



4) Fail

006

TECHWON KOREA
TECHNOLOGIES CO.,LTD.

Motor Protector

Test



(Motor Protector)

6AP Motor Protector, 17AM Thermostat, 4TM THERMAL PROTECTOR

TEST Part

Burning TEST Part

Sensor TEST Part

air back
TEST Part

Part

Part

007 Touch Monitor

TECHWON KOREA
TECHNOLOGIES CO.,LTD.

CRT LIGHT PEN TOUCH MONITOR



가
가
가

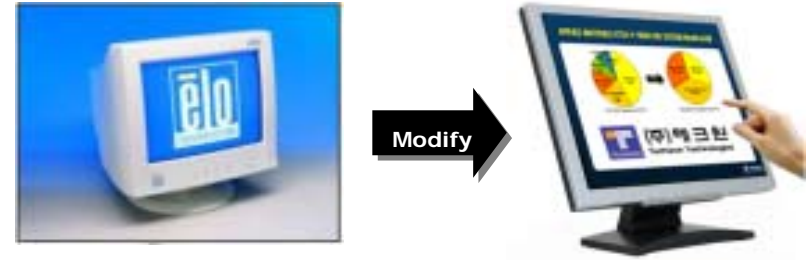
가
가
가

Applied Material P5000
Endura, Centura Touch screen LCD Monitor
CRT Type Monitor => LCD(TFT) Type Monitor Modify
Light-Pen Interface Touch Screen Modify
17" Color TFT LCD

P5000
(Cable 가)

가 : APPLIED MATERIALS Light Pen Touch Monitor
P5000 (Etch) -
Centura (CVD) -
Endura (PVD) -

MIRRA(ON-TRACK) eLo MONITOR



ON_TRACK
15" CRT TOUCH MONITOR
가 가 가

가 17" LCD Monitor
가

가
가 Frequency Converter Monitor 가 Converting

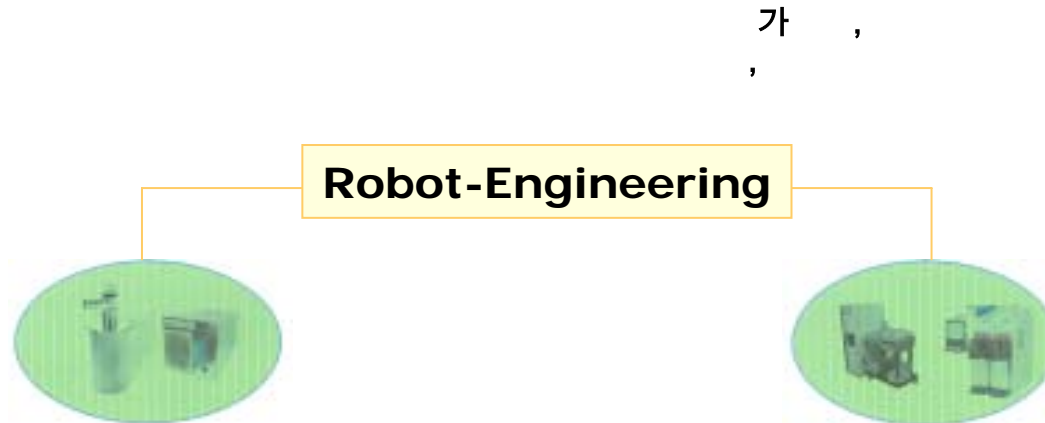
가 : MIRRA ON-TRACK MONITOR (CMP Line)

008

TECHWON KOREA
TECHNOLOGIES CO.,LTD.

Robot Repair

Robot Engineering



Customer



PRI & BROOKS ROBOT Repair Division

- ATM Robot Series
- PRE 100, 200 Series
- ESC 100, 200 Series
- VAC 407 Vacuum Robot Series
- MAG 60 Series

OEM SYSTEM ASSEMBLY & Field Support

- VACUUM Cluster System Wiring
- Thin Film Nitride System Set-up Support
- System frame Assembly Support



가 ,

.

NO

V TYPE M.C.T

Mynx 500

1

2

V TYPE M.C.T

SIRIUS-550

1

3

V TYPE M.C.T

SIRIUS-2

1

4

MILLING

HMTH-1100

2

5

LATHE

HL-460

2

6

DRILLING M/C

HN-360

2

7

TAPING M/C

STD-360

2

8

TFG-200MB

1

9

M/C

DV-360

1

10

外

7

NEC System service

- ▶ **NEC System service
(PC9801-9821-FC9801 series)**
 - System Repair
 - Recovery & Back-up
 - NEC Program Setting
 - System Modify & Up-grade
 - Part Service
(HDD, FDD, Memory, Monitor.. sales)
 - NEC Monitor LCD Monitor Modify
- ▶
 - * NEC Monitor TFT LCD Modify
 - * FC9801 PC9801/9821 Modify
 - * FC43H Pentium PC Modify



Server, Workstation Service

- ▶ **SUN**
 - System Repair
 - Recovery & Back-up
 - Solaris install or Operator
 - System Modify & Up-grade
 - Part Service
(HDD, FDD, Memory, Monitor.. sales)

- ▶
 - * SUN Classic Sparc 5
Sparc 20 Modify & Up-grade

- ▶ **IBM**
 - DB Server, File server, Web server
 - System Repair
 - Recovery & Back-up
 - Unix O/S install or Operator
 - System Modify & Up-grade
 - Part Service
(HDD, FDD, Memory, Monitor.. sales)

- ▶* Swap DB server Operator



- ▶ **DEC / VAX (Digital)**
 - System Repair
 - Recovery & Back-up
 - Solaris install or Operator
 - System Modify & Up-grade
 - Part Service
(HDD, FDD, Memory, Monitor.. sales)
 - PDP 11 / DEC server / VAX / -station

- ▶
 - * Digital Monitor

Converter

- ▶ **HP / COMPAQ**
 - System Repair
 - Recovery & Back-up
 - HP Unix install or Operator
 - System Modify & Up-grade
 - Part Service
(HDD, FDD, Memory, Monitor.. sales)

- ▶* DB server Operator
- * Raid



012 Power Supply, PCB Repair

TECHWON KOREA
TECHNOLOGIES CO.,LTD.

Power Supply, PCB Repair

Power Supply Repair & Modify

- RF Power Supply Repairs (ENI, AE)
- Various generator repairs, RF Matcher Repairs (ENI, AE)
- Various Inverter Repairs (Varian)
- Many other drive units and controller box modifications & repairs

PCB Repair

- Main Board, CPU
- I/O Card, Graphic Card
- Control Board
- OSD Board
- PCB



013 PLC, DSC

TECHWON KOREA
TECHNOLOGIES CO.,LTD.

Maintenance



적용분야

Special Board, Card, Repair
 각종 Power Supply Repair 및 Modify
 외산 System Repair 및 국산화
 컴퓨터 관련 주변장치 Repair
 PLC 관련 CPU, 각종 I/O Card Repair

TECHWON
 Repair & Engineering Team

주요
 고객
 업체

반도체 제조업체/화학기업
 시멘트기업/발전소/제철, 제강기업
 중공업기업/정부.통신기업 등

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가 가

Upgrade

015

TECHWON KOREA
TECHNOLOGIES CO.,LTD.

PC

- LCD

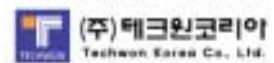




(주) 테크윈코리아

(주) 테크윈코리아

주소 : 충북 청주시 흥덕구 봉명2동 2789번지
 전화 : (043)232-7250(代) 7253, 7255, 7256
 팩스 : (043)232-7254
 메일 : techwon@itechwon.co.kr



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Thank you

<http://www.itechwon.co.kr>