Year 2000

PERFETTI GIDA

Type of client (Export, local, inter company)
Channel (retail, gross sale, m.distribution)
Group of customer
Area code
Depo
Salesman
Van
Customer
Invoice
Item

Slide 2

PERFETTI GIDA

User	Customer	Stock	Account
HQ	Head Quarter	Head Quarter	Head Quarter
DP1	Depo 1	Depo 1 / Van 1 / Van 2	Depo 1
DP2	Depo 2	Depo 2 / Van 1 / Van 2	Depo 2
DP3	Depo 3	Depo 3 / Van 1 / Van 2	Depo 3
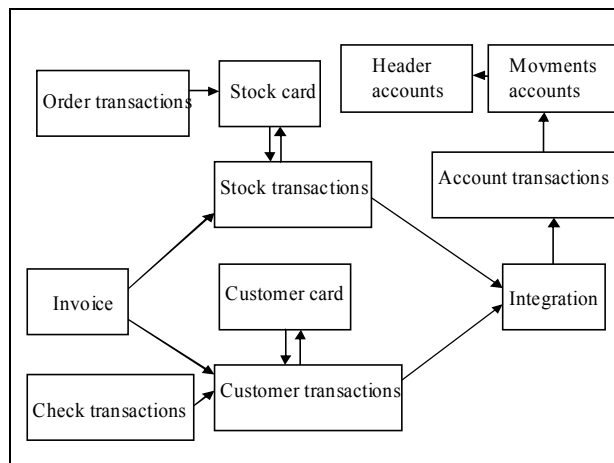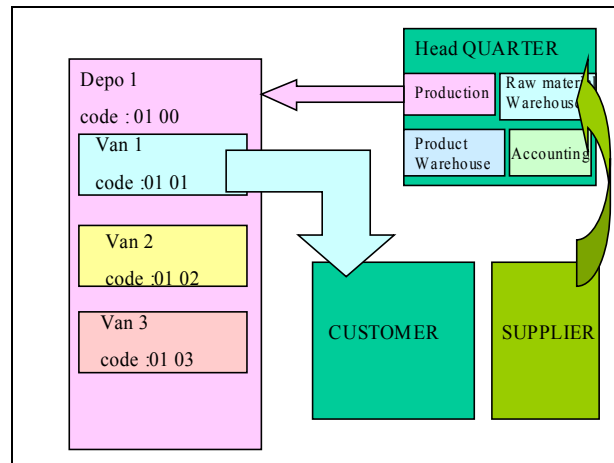
Slide 3

Slide 4

Slide 5

- **Stock cards**

  - Item code
  - item name
  - total quantity, total amount
  - total entry quantity and amount
  - total sortie quantity and amount
  - many fields for other coding

- **Stock transactions**

  - Item code
  - date
  - document number
  - quantity
  - amount
  - many fields for coding

Slide 6

- **Order transactions**

  - Item code
  - date
  - document number
  - quantity
  - amount
  - many fields for coding

Slide 7

- **Customer cards**

- Customer code
- Customer name
- total credit, debit
- many fields for other coding

Slide 8

- **Customer transactions**
- First record:
  . customer code
  . date
  . document number
  . goods amount
  . many fields for coding

- Second record:
  . customer code
  . date
  . document number
  . discount amount
- Third record:
  . customer code
  . date
  . document number
  . tax amount

Slide 9

- **Check transactions**
- Customer code
- date
- document number
- amount
- fields for other coding

Slide 10

- **Header accounts**

  - Account code
  - Account name
  - credit and debit
  - some fields for extra coding

- **Transacion accounts**

  - Account code
  - Account name
  - credit and debit
  - some fields for extra coding
  - cost centers
  - credit/ debits by month

Slide 11

- **Accounting transactions**

  - Account code
  - credit and debit
  - some fields for extra coding (including cost center)

Slide 12

PERFETTI GIDA

Main office

- Citrix server
- 500 mhz proc.
- 256 mb ram (depends on number of users)
- 1 gb disk

- Nt server
- raid 5
- backup
- 3 9gb disks
- 500 mhz
- 128 mb ram
- cache on 2nd level

- Mail server
- raid 5
- 500 mhz proc.
- 128 mb ram
- 3 9gb disks

Slide 13

PERFETTI GIDA

Regions

- Client
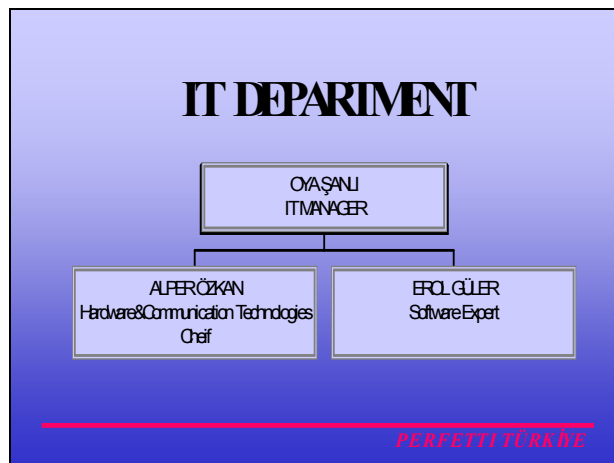- 133 mhz proc.
- 16 mb ram
- 800 mb disk

Year 2000

IT DEPARTMENT

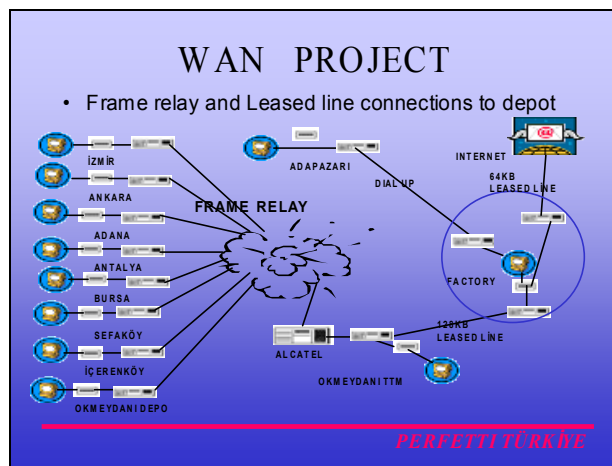**Prepared by: OYA ŞANLI**

PERFETTI TÜRKİYE

Slide 2

IT DEPARTMENT

OYA ŞANLI
IT MANAGER

ALPER ÖZKAN
Hardware&Communication Technologies
Cheif

EROL GÜLER
Software Expert

PERFETTI TÜRKİYE

Slide 3

IT   PROJECTS

- WAN PROJECT

- HARDWARE UPGRADE

- SOFTWARE UPGRADE

PERFETTI TÜRKİYE

Slide 4

WAN   PROJECT

- Frame relay and Leased line connections to depot

İZMİR

ANKARA

ADANA

ANTALYA

BURSA

SEFAKÖY

İÇERENKÖY

OKMEYDANI DEPO

FRAME RELAY

ADAPAZARI

DIAL UP

ALCATEL

OKMEYDANI TTM

INTERNET

64KB LEASED LINE

FACTORY

128KB LEASED LINE

PERFETTI TÜRKİYE

Slide 5

WAN   PROJECT

- All depot except Adapazarı connect to Okmeydanı TTM with Frame Relay lines

- Okmeydanı TTM conntect to factory with 128kb Leased Line.

PERFETTI TÜRKİYE

Slide 6

WAN PROJECT

- Ethernet cards and Windows 98 installed at depots
- Leased line between Okmeydanı and Factory had been tested. The rate was 64kb, because the application form for Türk Telekom had been filled out as 64kb rate.
- 64kb Leased line for internet and mail had been tested and the line is working.
- Frame relay line for Okmeydanı depot will be tested.

PERFETTI TÜRKİYE

Slide 7

HARDWARE UPGRADE

- Internet and Mail Server upgraded to Compaq ML 350

- File Server will be upgraded to Compaq ML 530

PERFETTI TÜRKİYE

Slide 8

SOFTWARE UPGRADE

- After WAN Project finishes
  - Windows 2000 will be installed on to our new file server.
  - Terminal server on Windows 2000 will be using to make software connections

PERFETTI TÜRKİYE

Slide 9

SOFTWARE UPGRADE

- After WAN project and hardware upgrade finished, to prepare for software upgrade IT department will do the simulation

- For simulation factory servers and Sefaköy depot's Pc will be using

PERFETTI TÜRKİYE

Slide 10

SOFTWARE UPGRADE

- After simulation in order to be centralized:
  - 1. Depots' data will be copied to our new file server
  - 2. Path configuration must be done for depots to use data on the new file server.
  - 3. All depot will use the same sale database

PERFETTI TÜRKİYE

Slide 11

SOFTWARE UPGRADE

- After checking integrity and verification for data using by depot
  - Link software will be upgraded
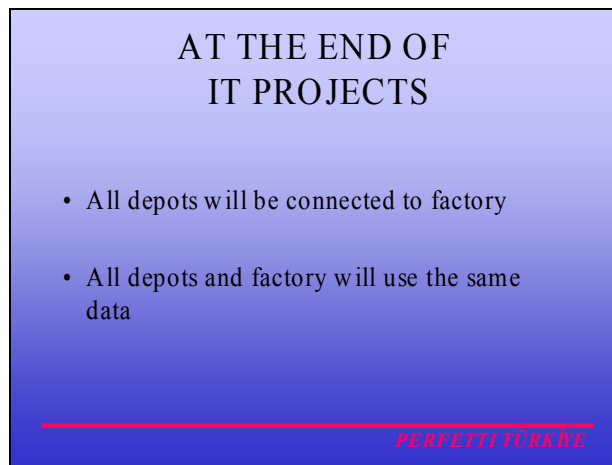 - All depot will use same stock database to keep up with their trucks
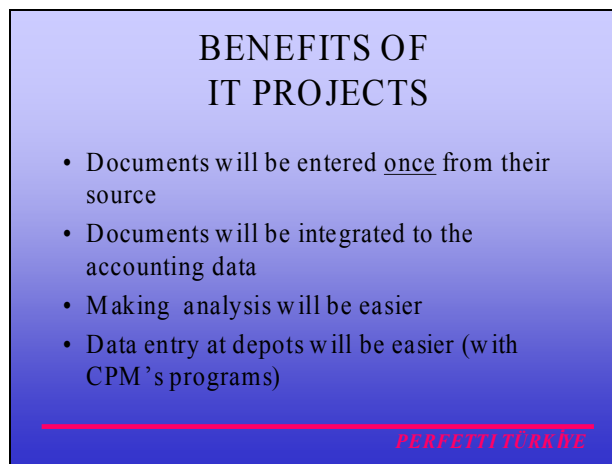
PERFETTI TÜRKİYE

Slide 12
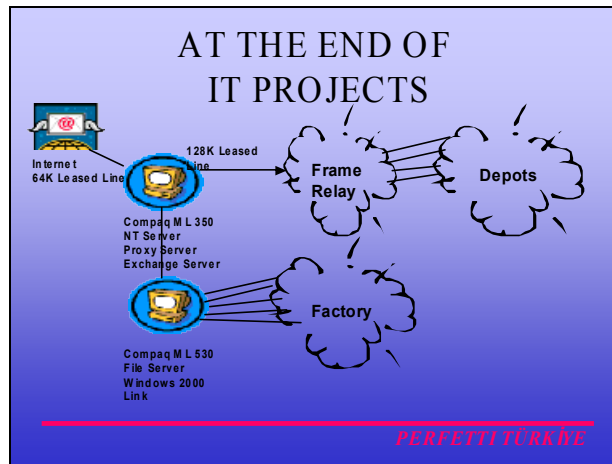
Slide 13

Slide 14

Slide 15

BENEFITS OF
IT PROJECTS

- Communication with depots will be easier via mail

- Since the factory will be the data center gathering and obtaining information will be easier

PERFETTI TÜRKİYE

Slide 16

Bottlenecks OF
IT PROJECTS

- Having problems with Turkish Telecom, because of its substructure

- Having problems while gathering information from our employees, because they don't know about work flow and software they are using
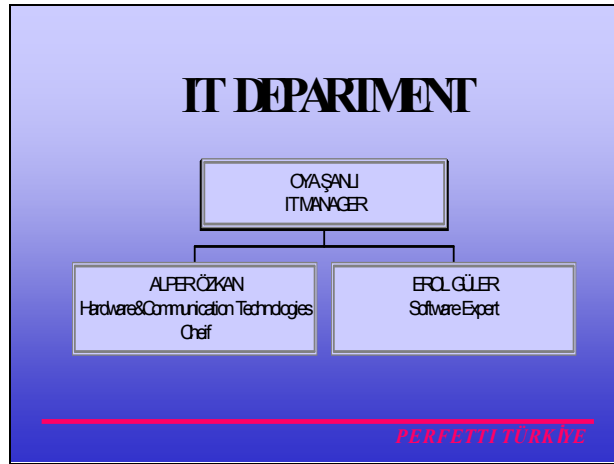
PERFETTI TÜRKİYE

Year 2001

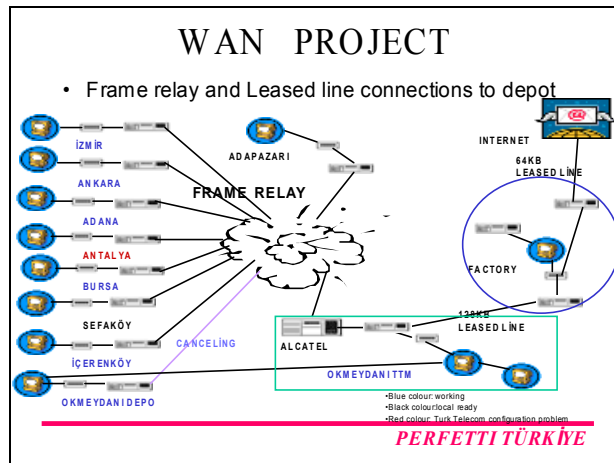Slide 1

IT DEPARTMENT

Prepared by: OYA ŞANLI

PERFETTI TÜRKİYE

Slide 2

IT DEPARTMENT

OYA ŞANLI
IT MANAGER

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Hardware&Communication Technologies
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EROL GÜLER
Software Expert

PERFETTI TÜRKİYE

Slide 3

IT   PROJECTS

• WAN PROJECT

• HARDWARE UPGRADE

• SOFTWARE UPGRADE

PERFETTI TÜRKİYE

Slide 4

WAN   PROJECT

• Frame relay and Leased line connections to depot

INTERNET

İZMİR

ADAPAZARI

64KB
LEASED LİNE

ANKARA

FRAME RELAY

ADANA

ANTALYA

FACTORY

BURSA

SEFAKÖY

128KB
LEASED LİNE

İÇERENKÖY

CANCELİNG

ALCATEL

OKMEYDANI TTM

OKMEYDANI DEPO

•Blue colour: working
•Black colour: local ready
•Red colour: Turk Telecom configuration problem

PERFETTI TÜRKİYE

Slide 5

WAN   PROJECT

- All depot connect to Okmeydanı TTM with Frame Relay lines

- Okmeydanı TTM connect to factory with 128kb Leased Line.

PERFETTI TÜRKİYE

Slide 6

WAN   PROJECT

- The rate of the leased line between Okmeydanı and Factory will be 128 x 2 kb

- All depots will use mailboxes in our exchange server.

PERFETTI TÜRKİYE

Slide 7

HARDWARE UPGRADE

- File Server will be upgraded to Compaq ML 530

- Some depots PC's will be upgraded

PERFETTI TÜRKİYE

Slide 8

SOFTWARE UPGRADE

- After WAN Project finishes
  - Windows 2000 will install to our new file server.
  - Terminal server on Windows 2000 will be using to make software connections

PERFETTI TÜRKİYE

Slide 9

SOFTWARE UPGRADE

- After WAN project and hardware upgrade finished to prepare for software upgrade IT department will do the simulation

- For simulation factory servers and Sefaköy depot's PC will be using

PERFETTI TÜRKİYE

Slide 10

SOFTWARE UPGRADE

- After simulation in order to be centralised:
  - 1. Depots' data will be copied to our new file server
  - 2. Path configuration must be done for depots to use data on the new file server.
  - 3. All depot will use the same sale database

PERFETTI TÜRKİYE

Slide 11

SOFTWARE UPGRADE

- After checking integrity and verification for data using by depot
  - Link software will be upgraded
  - All depot will use same stock database to keep up with their trucks

Slide 12

AT THE END OF IT PROJECTS

Internet
64K Leased Line

128KB X 2
Leased Line

Compaq M L 350
NT Server
Proxy Server
Exchange Server

Frame Relay

Depots

Factory

Compaq M L 530
File Server
Windows 2000
Link
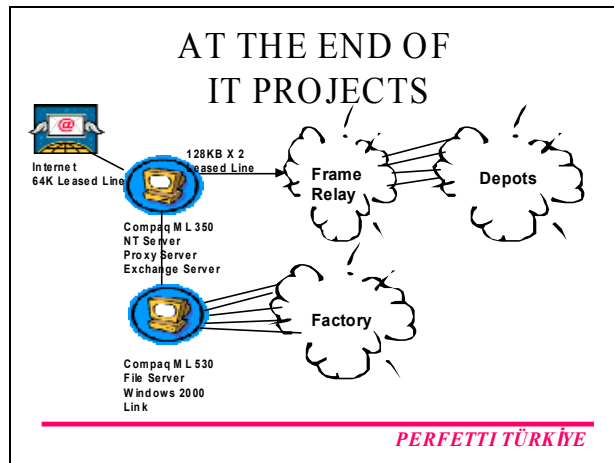
Slide 13

AT THE END OF IT PROJECTS

- All depot will be connected to factory

- All depot and factory will use the same data

Slide 14

BENEFITS OF
IT PROJECTS

- Documents will be entered <u>once</u> from their source
- Documents will be integrated to the accounting data
- Making analysis will be easier
- Data entry at depots will be easier (with CPM's programs)

PERFETTI TÜRKİYE

Slide 15

BENEFITS OF
IT PROJECTS

- Communication with depots will be easier with mail

- Since the factory will be the data centre gathering and obtaining information will be easier

PERFETTI TÜRKİYE

Slide 16

Bottlenecks OF
IT PROJECTS

- Having problems with Turkish Telecom, because of its substructure

- Having problems while gathering information from our employees, because they don't know about work flow and software they are using

PERFETTI TÜRKİYE

May 2003
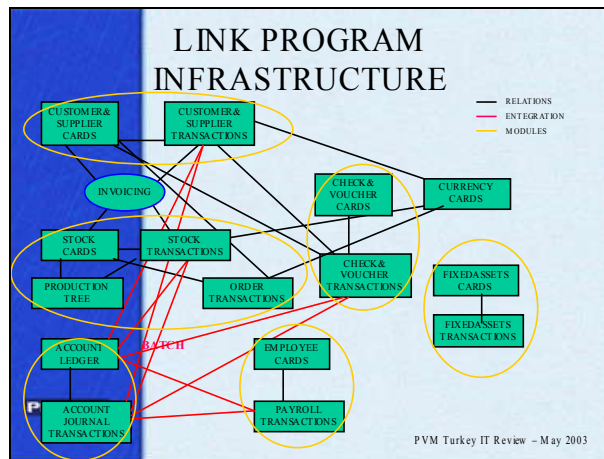
July 2003

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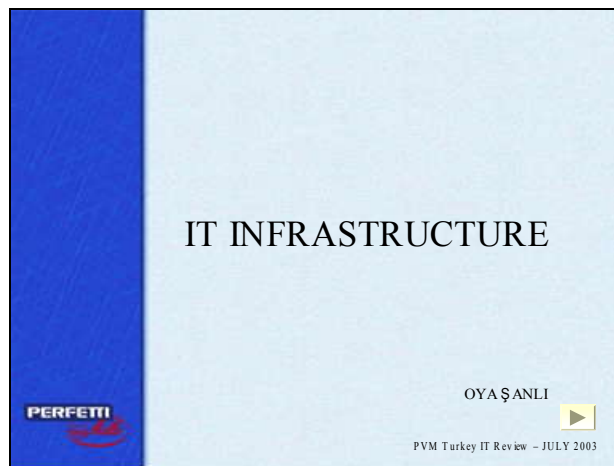
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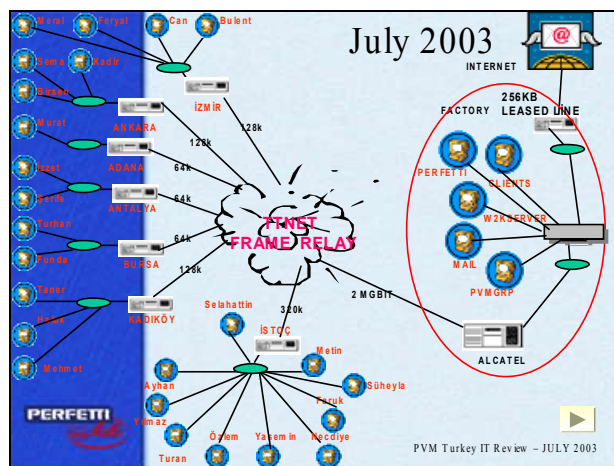
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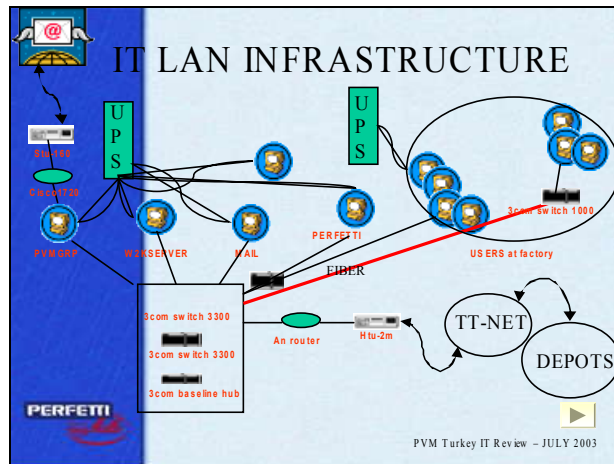
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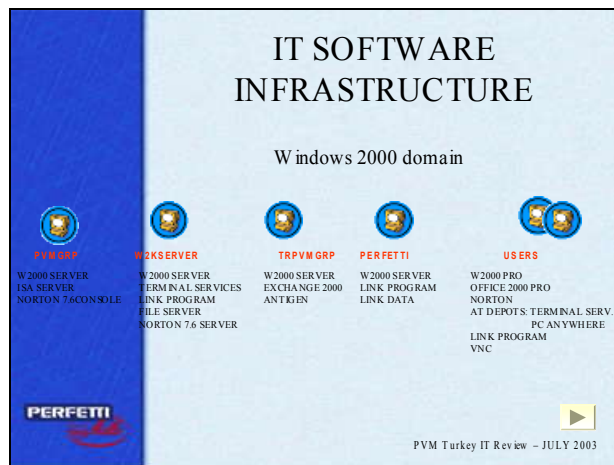
Slide 5

Slide 6

IT PROJECTS

- HANDHELD PROJECT FOR
  CHAINED MARKETS
  - An handheld and a printer will be in the vans to print the waybill with markets' article codes to the chain markets.
  - Data on the handhelds will be transfered to the server at main office.
  - Invoices will be printed using additional discount tables from depots.

PERFETTI

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Slide 7

IT PROJECTS

- SAP PROJECT
  - Around September we will begin to take first steps.
  - At the beginning of next year we will proceed on analizing phases
  - At the beginning of 2005 we will begin to use SAP program.

  - SAP MODULES:
    - Finance and Controlling
    - Material Management
    - Sales and Distribution

PERFETTI

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Slide 8

QESTIONS ?

PERFETTI
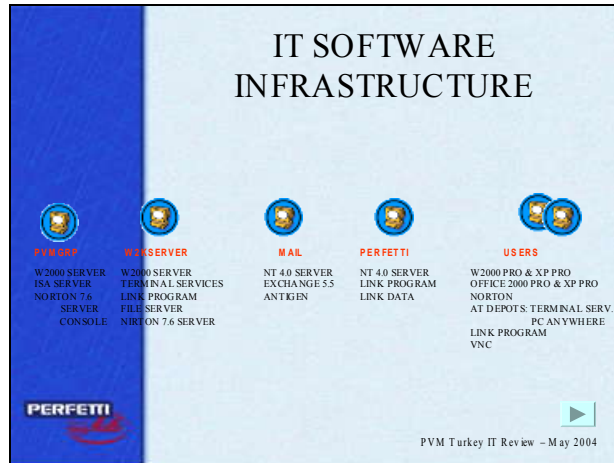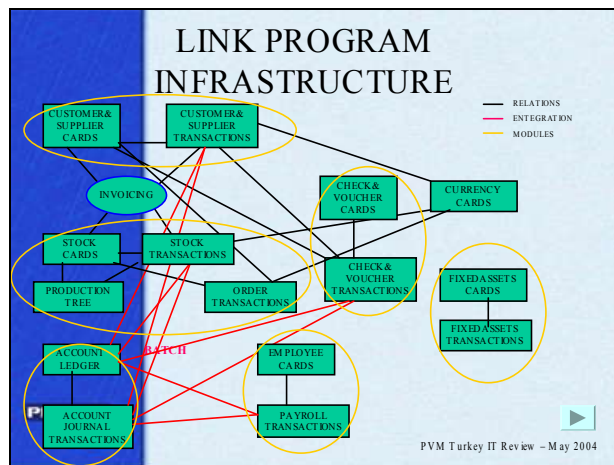
PVM Turkey IT Review – JULY 2003

May 2004

Slide 1

Slide 2

Slide 3