

Administrative/Internal Use Only

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DDA-LEVEL QUARTERLY SESSION

14 MARCH 1986

CONFERENCE ROOM 7D32 1400 - 1530

STAT

NEWS



Chief, Network Systems Division, *OIT*

Briefing

Tour

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NEWS

Network Enhancements & Workstation (NEWS) Project

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NEWS

WHY NEWS?

SINGLE WORKSTATION FOR:
WORD PROCESSING
DATA PROCESSING
GRAPHICS

MAINFRAME FAILURE
ENTIRE OFFICES AT A STANDSTILL
INTELLIGENT WORKSTATION CONTINUES

NETWORK RELIABILITY

CUSTOMER DEMAND
DI TASK FORCE ON MODERNIZATION
ISB SUBCOMMITTEE

NEW BUILDING
PBX - PRESENTED OPPORTUNITY

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NEWS

Scope of NEWS

Workstation

Combines WP & DP
PC Based

System Software (CAM) - Menus, Split Screens, etc

Current Applications Written to Use CAM
Both Workstation and Current Terminal Must Use CAM
Smooth Transition
Not Necessary to Rewrite Application Software

PC Software

License, purchase, customer support

High Speed Control Units

Connect Computers to New Network

Network Control

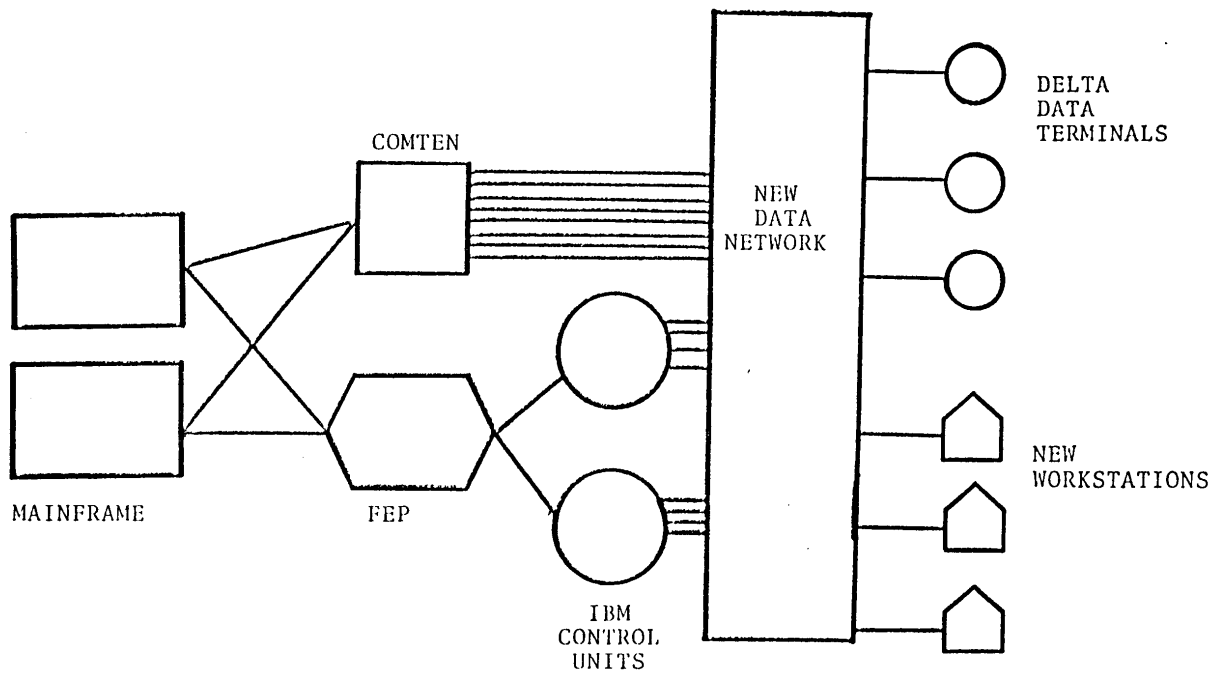
Recognize Network Problem
Take Corrective Action
Notify Operator of Problem & Action Taken

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DDA-01

Network Enhancements & Workstation Upgrade(NEWS)



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NEWS

Requirements

User Questionnaire Evaluated

A.D. Little Report Completed

DDA, Comptroller and ISB Briefed

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NEWS

PC Software

Phase I Evaluation Completed

Spreadsheets

Data Base Managers

Word processors/editors

Communications

Graphics presentation

Integrating Environments

Phase II Evaluation Started

Decision Support

Desk-top managers

Utilities

Privacy

Project Management

Thought Processors

Keyboard Enhancers

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CAM Software

Functional Design & Program Architecture
essentially Complete

Communications Segment - Started

CAM Segment - Started

Key Item - Validation of Acceptable Performance

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Workstation Hardware

IBM 3270-PC Evaluated Against Requirements
Functionally Acceptable
Not Enough speed or memory for CAM S/W

IBM 3270-AT
Announced in June 85
Available in August 85
TEMPEST available in Jan 86
Functionally equivalent to IBM 3270-PC
Faster and supports more memory

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Delta Data Emulation Software

Permits PC User to run as a DD5260
Use existing Networks

DD5260 Emulator Completed
Added function keys
AIM on a Mouse
Integrated File Transfer Capability

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NEWS

What Next

Contract Issues

Maintenance Contract - March 86

Hardware Strategy - March 86

PC Software - June/July 86

Extend 3270 Network

Applications Development - March 86

Training - April 86

PC Store Construction (2C11) - May 86

CAM Software - July 86

New PBX

Arrives July 86

Customer Connect Starts Sep/Oct

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DDA-07

SECRET**NETWORK ENHANCEMENT & WORKSTATION (NEWS) PROJECT**

25X1

Description of Program

- o Connects computers to new Headquarters building data network
- o Provides automated network control
- o Creates new workstation based on personal computers (PCs)

Benefits of Program

- o Combines word processing and data processing into single workstation
- o Allows users of SAFE and other systems to use effectively the new, high-performance data network currently being installed in both the new and old Headquarters buildings
- o Combines additional capacity with automated network control
- o Permits use of much mainframe software built for modern terminals
- o Provides users with an independent capability for word processing, creation of spread sheets, and other PC functions
- o Provides users with the capability for business graphics, color, high resolution graphics for imagery, and other features

Status of Program and Other Issues

- o Evaluation of user requirements for a new workstation is underway
- o Long lead time items have been started, including:
 - Software needed to use new workstation with existing mainframe software
 - Evaluation of hardware vendors and products
 - Preparation of RFP for a Systems Integration contractor

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