

# MountainView CD-I

## I. Introduction

Click anywhere on the screen to interrupt and be brought to the "Main Menu"

- A. **Flying Accugraph Logo (Animation)**
- B. **Narration Track with music (narration with music)**
- C. **CEO Introduction with Hector**

A short DYUV movie (160X120) with Hector introducing himself, Accugraph, and CD-I presentation.

- 1. **Hector (DYUV Movie)**
- 2. **Hector Holguin, C.E.O, Accugraph (Text)**
- 3. **Background for DYUV movie (graphic)**
- 4. **Slide Show to Accompany Hector (Slide Show)**

### D. Introduction with Scott Munden

A short DYUV movie (160 X 120) with Scott introducing himself and the MountainView product.

- 1. **Scott (DYUV Movie)**
- 2. **Scott Munden, Network Products Manager, Accugraph (Text)**
- 3. **Slide Show to accompany Scott (Slide Show)**

## II. CD-I Main Menu

### A. Full Screen Main Menu Background (graphic)

### B. Main Viewing Selections

This window will contain the three main viewing selections described below and the global navigation icons.

#### 1. Demonstration (Text)

This section is explained in detail beginning in section III

- a) What is MountainView? (Text)
- b) Starting MountainView
- c) Drawing with MountainView
- d) Designer Mode
- e) Network Components
- f) Working with Spreadsheets
- g) Synchronizing with the Database
- h) Scheduling Events
- i) Monitoring your Network

# Video Content Outline

- j) Trouble Tickets
- k) Performing a Move, Add or Change
- l) Connectivity Analysis
- m) Network Security Issues
- n) Implementing MountainView

## 2. Key Questions (Text)

This section is explained in detail beginning in Section 18

## 3. Glossary (Text)

Glossary of topics and important terms included on disc will appear in a vertical scrolling window. User will be able to navigate to a desired area by simply clicking on an item.

- a) Background for scrolling glossary (graphic)
- b) Glossary Text (text)
- c) Background that will contain scrolling glossary (graphic)

## C. Global Navigation

Global navigation will appear on all menu screens throughout the presentation. It will not appear on the initial introduction, slide shows or concluding credits

### 1. Exit (Icon)

Exit icon will take the user to a "Credits Slide Show" concluding with the "Accugraph logo" and a screen informing the user it is safe to remove the disc.

- a) Credit Slide Show (Slide Show)
- b) Accugraph Logo Screen (Animation)
- c) Safe to remove disc screen (graphic)

### 2. Return to Main Menu (Icon)

### 3. Map (Icon)

Map icon to show global view of entire disc contents with current location highlighted

### 4. Previous (Icon)

## D. Slide Shows

Slide Shows will be comprised of still images including snap shots of MountainView interface modified in Photoshop with the addition of arrows, highlights and text; diagrams; charts and/or animations; and a narration track with music in selected places.

- 1. Picture Frame-Background for slide shows (graphic)
- 2. Click anywhere to return (Text)
- 3. Stop (Icon)

This icon will stop the slide show in its current location

# Video Content Outline

## 4. Return to start of slide show (Icon)

This icon will return the user to the beginning of the current slide show.

## 5. Play (Icon)

This icon will continue the play of a slide show from the point where it was stopped.

## Detailed Outline

### III. What is MountainView?

#### A. Configuration Management

1. Churn Rate
2. Down Time

#### B. MT 923 defined

1. "C"
2. API

#### C. Platforms Supported (Slide Show)

##### 1. Hardware Vendors (bullet chart)

- a) HP (bullet)
- b) IBM (bullet)
- c) Sun (bullet)

##### 2. Network Management Platforms (bullet chart)

- a) OpenView (bullet)
- b) NetView 6000 (bullet)
- c) SunNet Manager (bullet)

*Cabletron Spectrum  
Netlab Diamonds 39*

##### 3. Relational databases supported by MountainView (bullet chart)

- a) Database (diagram explaining)
- b) Informix (bullet)
- c) Ingres (bullet)
- d) Oracle (bullet)
- e) Sybase (bullet)

##### 4. Trouble Ticket Applications (bullet chart)

- a) Remedy Corporation (bullet)
  - (1) Action Request System
- b) Networx (bullet)
  - (1) Paradigm

*Legend - Networx*

*Product Matrix*

### IV. Starting MT 923

# Video Content Outline

- A. Configuration (Slide Show)**
  - 1. Hard Disc (diagram explaining)
  - 2. Hardware Vendors including series and models recommended
  - 3. RAM - Recommended (diagram explaining)
  - 4. System Defaults
  - 5. Preset Database Schema
  
- B. Default Directory Layout (Slide Show)**
  - 1. Mtp\_Setup Function
  - 2. Save\_Default Function
  - 3. Save\_Windows Function
  - 4. users/mtp/data/MVdevice (Part of tree diagram)
  - 5. users/mtp/init (Part of tree diagram)
  - 6. users/mtp/prog (Part of tree diagram)
  
- C. Windows and menus (Slide Show)**
  - 1. User interface
    - a) Alpha Window (snap shot)
    - b) Calculator (snap shot)
    - c) Drafting Window (snap shot)
    - d) Function Bars (snap shot)
    - e) Main Menu (snap shot)
    - f) Prompt Window (snap shot)
    - g) Supplemental Menu (snap shot)
  - 2. Modifying the window environment (Slide Show)
    - a) Pop-up windows (part of slide show)
    - b) Resizing windows (part of slide show)
    - c) Save\_Windows Function (part of slide show)
  
- D. Modifying and saving defaults (Slide Show)**
  - 1. Default
  - 2. Load\_Defaults Function
  - 3. mv\_main defaults
  - 4. mv\_mtp defaults
  - 5. NNM\_Setup Function
  - 6. Saving Defaults
  - 7. Set\_Defaults Function
  
- E. Scheduling Events (Slide Show)**

# Video Content Outline

## 1. Sched\_Macros

### V. Drawing with MT 923

#### A. Importing a drawing file (Slide Show)

1. Add\_Import Function (part of slide show)
2. DXF (part of slide show)
3. DXF\_Import Function (part of slide show)
- ~~4. Easy\_Data (part of slide show)~~
5. Filter (diagram explaining) (part of slide show)
- ~~6. GIF (part of slide show)~~
7. IGES (part of slide show)
8. Raster Image (diagram explaining) (part of slide show)
9. Scan\_In Function (part of slide show)
10. Scan Option (part of slide show)
11. Vector Image (diagram explaining) (part of slide show)

#### B. Layering Conventions (Slide Show)

1. Layer (diagram explaining) (part of slide show)
2. Layer Masking (diagram explaining) (part of slide show)
3. Layer Menu (snap shot) (part of slide show)
4. Mtv\_Layers Function (part of slide show)

#### C. Basic Drawing Commands (Slide Show)

- ~~1. FloorPlan\_View Function (part of slide show)~~
2. Full\_Limit Function (part of slide show)
3. Zoom\_In Function (part of slide show)
4. Load\_All Function (part of slide show)

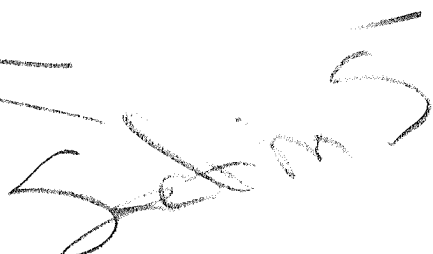
### VI. Designer Mode (Slide Show)

#### A. Adding a Device (Slide Show)

1. Device Library
2. Device List
  - a) Add\_Cables Function

#### B. Creating a Device (Slide Show)

1. Grouping Elements
  - a) Edit\_CopyGroup Function
  - b) Edit\_Group Function



# Video Content Outline

c) Edit\_MoveGroup Function

d) Group

e) Load\_Group Function

## 2. Creating a symbol

### C. Navigating (Slide Show)

1. Next\_Drawing Function

### D. Wide Area Network (Slide Show)

1. Add\_Circuit Function

~~2. Data\_Reverse Function~~

3. Edit\_Circuit Function

4. Fractional\_T1 Function

5. FracT1\_View Function

6. T1\_Transmission Function

~~7. Transmission\_Reverse Function~~

8. Wan\_T1 Function

9. Wan\_T1Data Function

## VII. Network Components

### A. Common Network Topologies (Slide Show)

1. Bus (graphic)

a) View\_BusSeg Function

~~2. Ring (graphic)~~

3. Star (graphic)

a) View\_StarSeg Function

4. Token Ring (graphic)

a) View\_TokenRingSeg Function

~~5. Token Ring (Counter Rotating) (graphic)~~

6. Tree-Type Topology (graphic)

### B. Common Network Devices (Slide Show)

1. Backbone (graphic)

2. Bridge (graphic)

a) View\_Bridge Function

3. Router (graphic)

4. Cloud

5. Cluster

## Video Content Outline

6. **Computer (graphic)**
  - a) View\_Computer Function
7. **Gateway (graphic)**
8. **Hub (graphic)**
  - a) View\_Hub Function
9. **Mainframe (graphic)**
  - a) View\_Mainframe Function
10. **MIB (graphic)**
11. **Mini (graphic)**
  - a) View\_Mini Function
12. **mux**
13. **Object (graphic)**
  - a) View\_Object Function
14. **PC (graphic)**
  - a) View\_PC Function
15. **Printer (graphic)**
  - a) View\_Printer Function
16. **Repeater (graphic)**
  - a) View\_Repeater Function
17. **Router (graphic)**
  - a) View\_Router Function
18. **Wiring Closet (Photo and MV snapshot)**
19. **Work Station (graphic)**
  - a) View\_Workstation Function (snapshot)

### C. **Common Cable Types (Slide Show)**

1. **AUI (graphic)**
2. **Coaxial Cable (graphic)**
3. **Ethernet**
  - a) Thick Ethernet (graphic)
  - b) Thin Ethernet (graphic)
    - (1) 10Base2 (graphic)
    - (2) 10BaseT (graphic)
4. **Fiber Optic (graphic)**
5. **Shielded Twisted Pair (graphic)**
6. **T1 (graphic) technical spec**
7. **T3 (graphic)**

*Multiplexer*

## Video Content Outline

8. Twisted Pair (graphic)
9. Unshielded Twisted Pair (graphic)

### D. Common Network Protocols (Slide Show)

1. SNA (graphic)
2. TCP/IP (graphic)
3. OSI (graphic)
4. FDDI (graphic)
5. ATM (graphic)
6. X.25 (graphic)
7. X.400 (graphic)
8. X.500 (graphic)

### ~~E. Additions (Slide Show)~~

- ~~1. FTP (graphic)~~
- ~~2. Local Talk (graphic)~~
- ~~3. Telnet (graphic)~~

### F. Common Management Protocols

1. SNMP (graphic)
2. SNMPII (graphic)
3. CMIP
4. SMP
5. DNM

### ~~G. Common Network Terminology~~

- ~~1. Multi-mode Optical Fiber (diagram)~~
- ~~2. Multiplex (diagram)~~
- ~~3. Multiplexer (diagram)~~

## VIII. Synchronizing with the database (Slide Show)

- A. Sync with database
  1. Update\_Database Function
- B. Execute Load Node
  1. Exception List - mv\_newnodes file
- C. Status Updates
  1. Single Node
  2. Drawing Nodes

# Video Content Outline

## 3. All Nodes

### IX. Trouble Tickets (Slide Show)

#### A. Query

1. TrblSht\_TrblTkt Function
2. Trouble ticket

#### B. Open a TT

### X. Performing a Move, Add or Change (Slide Show)

#### A. Setup

1. Create\_MoveFormFiles Function (part of slide show)
2. Create\_MoveLogtable Function (part of slide show)
3. Flush\_AllTransactions Function

#### B. Performing a Move (Slide Show)

1. ViewPendingMoves Function (part of slide show)
2. Request\_Move Function (part of slide show)
3. Execute Move (part of slide show)
4. Creating a Move Sheet (part of slide show)
5. Output\_MoveSheet Function (part of slide show)
6. View\_CompletedMoves (part of slide show)
7. Cancel\_Move Function (part of slide show)

### XI. Performing an adhoc query (Slide Show)

#### A. SQL

#### B. Adhoc Query

1. Query-By Example
2. Query\_Report
3. Recording a query

#### C. Add and Edit Functions

1. Batch\_Attach Function (part of slide show)

### XII. Connectivity Analysis (Slide Show)

#### A. Network Analyst

1. Network Analyzer Mode
2. View\_Analyzer Function

# Video Content Outline

## **XIII. Network security Issues (Slide Show)**

### **A. Security Management**

- 1. Home Directory**
- 2. Permissions**
- 3. User Account**

## **XIV. Implementing MountainView**

### **A. Licensing Issues (Slide Show)**

- 1. Dedicated License**
  - a) full use
  - b) view
- 2. Floating Licenses (animation)**
  - a) full use
  - b) view
- 3. Licensed Server (animation)**

### **B. Licensing**

- 1. Distributed Computing (animation) (part of slide show)**
- 2. Distributed Database (animation) (part of slide show)**
- 3. Remote File System (diagram) (part of slide show)**
- 4. Remote Network Node Management (part of slide show)**

### **C. Technical Support (Slide Show)**

- 1. 800 number**
- 2. 2 hour response**
- 3. software upgrades**

### **D. Training (Slide Show)**

- 1. 2 Day user**
- 2. 3 Day admin**
- 3. 1 week developers class**

## **XV. Key Questions**

### **A. Qualifying Issues**

- 1. Is your network well documented?**
- 2. What kind of databases are you using?**
- 3. What kind of hardware are you using?**

## Video Content Outline

4. Who updates your data?
5. How do you document your network?
6. What products (S/W and H/W) do you currently use? (Protocols)
7. How/Who manages designs your network? (Org. Chart)
8. Have you selected your logical network manager? T.T.? RDMS
9. What is the history of growth on you network?
10. What does you downtime cost you?
11. How do you track assets? (Who?)
12. How do you manage cable plant?
13. Who are the decision makers?
14. Who is your H/W account rep.?
15. Do you have drawings that already exist that depict your network?

### B. About Mountain View

1. What relational databases are supported by MountainView?
  - What versions of these databases?
2. What network managers are supported by MountainView?
  - What versions of these products?
3. What version of Solaris is required for MountainView?
4. Are evaluation copies of MountainView available?
5. How does MountainView eliminate the existence and entry of redundant data?
6. What is a MountainView function?
7. Does the network have to be at any particular rev. for MountainView to operate?
8. How can MountainView reduce problem resolution time?
9. What is Accugraph's relationship with it's hardware vendors?
  - HP Premier Provider. 15 year relationship

### C. MountainView Environment

1. How does the basic MountainView windowing environment work?
2. How are defaults modified?
3. How do I load customized window layouts upon log-in?
4. How do I load customized defaults upon log-in?
5. How are active and inactive commands differentiated?

### D. Drawing with MountainView

1. How is a drawing loaded for the first time?

## Video Content Outline

2. How do the basic drawing commands in MountainView work?
3. What are layers used for?
4. What layering conventions do you recommend?
5. Where is graphic information in MountainView stored?
6. How do you reposition a cable once it is drawn in the system?

### E. Remote

1. How is a remote login performed?
2. Does my database need to reside on the same system as Mountain-View?
  - What are the downsides here?

### F. Navigating throughout your network

1. How do you link drawings?
2. How are up and down drawings performed?

### G. Adding Devices to your network

1. How much symbology comes with the system? Over 300 symbols
2. How are symbols added to drawings?
3. What kind of intelligence is included with a default symbol?
4. How are large numbers of devices added to the network quickly?
5. How can a connections table be used to populate drawings and database?
6. How does the inheritance function work?

### H. Relational Database

1. How is a query performed on the database?
2. What are the various procedures used to log onto the database?
3. What level of automation is offered when attaching attributes to the database?
4. Can search parameters be easily specified?
  - e.g. Show me anything more than 30 days old
5. How does synchronization to the database take place?
6. What are the differences between databases supported by Mountain-View?
  - What kind of transparent links exist?
7. What kind of database schema do you recommend?
8. How is a database initially populated?
9. How is a link between a device and the database made?

# Video Content Outline

10. Does the MIB value have to be unique?
11. Can RISE maintain a link with more than one database at the same time?
12. Where is device history located and how can it be accessed?
13. What is the threshold of connections per site for relational database management?

## I. Monitoring the Network

1. What is an exception list?
2. What is the logical world/physical world?
3. What is a managed object?
4. How do I know what ports in my wiring closet are available, reserved or occupied?
5. What are the parameters of the polling interval?
6. What kind of information is included in the audit trail?
7. What is autodiscovery and how does it work?

## J. Trouble Tickets

1. How do I enter a trouble ticket from Mountain View?

## K. Moves, Adds, and Changes

1. What is the default model for moves, adds and changes?
  - What is the process of modifying this default?
2. How do I schedule a move, add, or change on my network?
3. How do I perform a move, add, or change on my network?
4. How are pending moves viewed?
5. How is a move requested, executed and removed from pending?
6. Can I cancel a requested move?
7. How can the look and content of a move sheet be modified?
8. Can I print out my move sheet?

## L. Connectivity Analysis

1. How does the Network Analyst work?
2. How many paths can be displayed? (Configuration File)
3. Can analysis be ordered by length or baud rate?
4. What is a configuration file?
5. Can the total length of a cable be displayed?
6. Can an ASCII file of Network Analyst results be displayed?

## M. Wide Area Network

## Video Content Outline

1. Can MountainView be used for satellite/Cloud management?
2. How is a WAN link created?
3. How is a fractional T-1 created and allocated in MountainView?
4. Are multi-connect possible?

### N. Network Security Issues

1. What kind of security is provided to maintain database integrity?
2. Is it possible for one group in my organization to load MAC's into a pending file and have a different group with higher level security clearance actually perform MAC's

### O. Implementation

1. What is the initial set-up time involved with MountainView in a test environment?
- 2.

### P. Licensing Issues

1. What is the cost of MountainView Implementation including software, training and associated costs?
2. What is the license structure for MountainView?
3. What is the cost of a full service license?
4. What is the cost of a view only license?
5. How many nodes can be handled by one MountainView license?

### Q. Training

1. What kind of training is offered on the MountainView product?
2. What is the typical size of a MountainView training class?