

## Demonstration Video Series

Accugraph

## Demonstration Video Series

This video contains the following items:

### MountainGuide Review

- How Enhancements are determined

### Version 5 Enhancements

- Expert Draft
- DIAS
- RISE
- 3D Modeling

### Version 5 Enhancements (Civity)

- Improvements to existing commands and procedures
  - New Commands and Tools
  - Enhanced Integration
- Platform Considerations  
Futures Overview

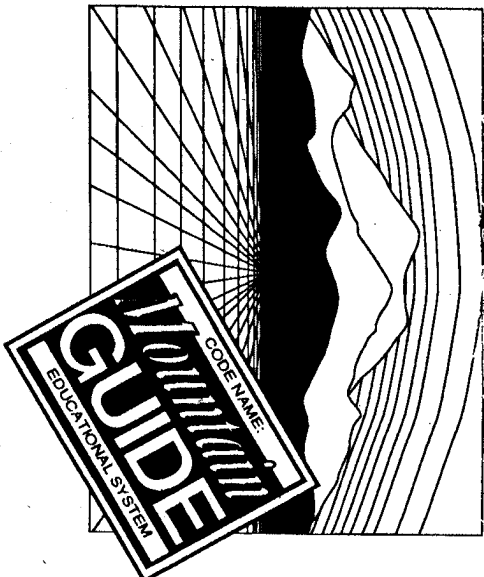
35 Minutes

MGVDVS.Mpg; Futures - 11/16/92

MountainTop Futures

35 minutes

MountainTop  
Futures



Nov. 16, 1992

# Accugraph



# Accugraph

# Video Content Outline

## Version 5 Enhancements

### I. Introduction

#### A. Welcome

#### B. Video Overview

- Version 5 Enhancements
- Civil Engineering module

### II. Version 5 Enhancements

#### A. Overview of section

1. Over 200 enhancements
2. Enhancements are spread throughout every module of mtp
  - a) mention here - Stack and Block, MTC, CASE and Civil to be discussed in the next section
3. Listening to User feedback
4. Mtp is getting more powerful and fun to use
5. Mtp is getting easier to use
  - a) interface is moving toward industry standards

#### B. Expert Draft (110 Enhancements)

- Interface
  - Window frames can be dynamically customized
  - MountainTop now supports pop-up windows
  - Function bar commands can be represented as icons
  - Split Function Bars now hold 64 user definable functions
  - Photographs, UNIX programs, Mtp functions can be attached to symbols without RISE using Execute Object
  - Softkeys now accessible from an on-screen window
  - Dynamic Ghosting of selected objects
- Modules
  - You can now mask out 256 layers within a module

#### C. DIAS (32 enhancements)

- interface

# Video Content Outline

- DIAS now dynamically shows the row, column and intersection of a selected cell
- The same move/copy command use in Expert Draft can now be used in DIAS
- DIAS can dynamically show the row, column and intersection of a selected region
- Smart ~~DIAS~~<sup>Edit</sup> cells interpret input as a formula, region or text
- copy cells

## D. 3D Modeling (3 enhancements)

- Booleans allow for creation of more complex 3D objects

## E. Translators

- Input/Output filter menus allow you to tailor the drawing translation process

## F. RISE (28 enhancements)

- Interface
- In conjunction with Tech Doc forms can now be used to input and edit RISE information
- Different media can be attached to symbols more easily via a pick list
- new* • Input Functions allow you to *your relational*
- Easily attach ~~and access~~ multiple items to database
- new* • Edit Functions allow you to *relational*
- Quickly edit selected ~~fields within your~~ database *Fields*

## G. Review of section

### III. Civil Engineering Section

#### A. Overview of section

1. Bill is gone
2. My qualifications
3. Commitment to customers
4. Commitment to Civil
5. In this section:
  - a) Enhancements to existing commands and procedures
  - b) New commands and functions

# Video Content Outline

c) Higher level of integration

6. Let's go ahead and get started with the enhancements to existing

*Intro B*

## B. Enhancements to existing commands and procedures

- 1 • Civil modules use version 5 user interface enhancements
- 2 • Existing commands further automate engineering
  - Lot annotation and closure routines

*ON  
Comments*

### • Customer requested enhancements

- Contour plotting
- Terrain modeling
- Road design

*Intro C*

## C. New functions and tools

- New focus on infrastructure, design and management
  - Highway design
  - Water Systems
  - Storm drain design
  - Other Utilities
- Automatic generation of 3D carousel

*Intro D*

## D. Enhanced integration



- Road and Site Design
- DIAS and Parametrics
- 3rd Party Applications

*Revised*

## E. Review of section

## Introduction and Highlights

Hello and welcome to this presentation of Accugraph's MountainTop Version 5.

This video is divided into two parts, an executive summary which shows the highlights and potential benefits of this release; and a second section which covers details of individual commands that are critical to understanding and using the new features of this release.

This is a major release of the software and many of the commands and functionality highlighted here have been under development and testing for over two years. You will find this version to contain dramatic improvements to the way you interact with the system and a host of existing new features and functionality.

To begin with, the theme for this release is

### THEME:

**\*\*Higher Levels of Productivity and Integration coupled with New Tools for Geographic Information Management\*\***

As we developed the specifications for this version, there were three primary guidelines:

- \* Maximum CUSTOMER requested enhancements

To incorporate as many enhancements from our customer requests as possible. Through out the development of this release, we have been responsive to the multitude of requests for enhancements from our existing customer base.

- \* CUSTOMERS Are Provided Leading Edge Technology and Conformance to Industry Standards

To insure our customers remain at the leading edge of technology, and Accugraph products conform to and exceed industry standards specifically in the area of X-windows and Motif, C and macro programming along with integration with the powerful relational database applications.

As with every release of Accugraph's products, we continue to focus on insuring that you, the end user, are supplied with the latest in state of the art software tools, taking full advantage of improvements to hardware and operating systems. We are constantly updating our

software interface to be compliant with industry standards. More importantly, we will go beyond this effort to insure you have the best available interface and tools for being productive in a Computer Aided Drafting and Design Environment.

- \* Provide our CUSTOMERS with the tools to expand the applications of MountainTop products.

As markets for computer technology are changing, we are finding it increasingly more important to be able to manage the information within MountainTop and available on other graphic systems. Again, at the leading edge of technology, Accugraph products have evolved to take full advantage of the integration between information and graphics. In this release, you will find major enhancements to the levels of integration of MountainTop modules and third party software such as relational databases.

#### Enhancements Overview

Now lets look at the hightlights of the enhancements of this new release. The enhancements can be quickly divided into to the following three areas:

#### A COMPLETE OVERHAUL OF THE USER INTERFACE

This includes dramatic improvements to the windowing users interface coupled with complementary enhancements to the commands and function access interface. You will also discover important revisions to the Menu Structure and more graphic interface to many of the popular drafting commands.

The second area of enhancements is

#### A HOST OF NEW COMMANDS AND IMPROVEMENTS OF EXISTING COMMANDS

Most of these enhancements are directly driven by the requests of our existing customer base. You will find over 300 new commands and new macros and mtc calls which further the integration between modules and provide an overall important increase in the functionality of MountainTop products as a whole.

Finally, a major effort has been made to provide