

Accommodates  
4-Digit Years

# SCOPE Forms Management

The SCOPE interactive programming aid provides all the tools needed to create screen formats easily, and put them into use quickly with new or existing applications.

- Cut & Paste Editor
- Multiple Form Windows
- Intra-field Editing
- Line Drawing Capability
- Table Look Up Data Validation
- Stand Alone Forms Testing
- Data Duplication
- Data Range Validation
- Screen Printouts
- 80/132 Column Lines
- Password Security
- All Video Attributes
- Output Optimization
- Array Fields
- Multiple Terminals
- Default Value Capability
- I/O Optimization
- Key Binding

SCOPE supplies the century during data entry and stores all four digits of the year.

SCOPE is a comprehensive forms management system that provides your IS team with the tools need to define, generate, and maintain video forms.

## What Is Forms Management?

Very simply, forms management is the ability to provide a friendly, consistent, and easy-to-use interface between the application program and the user.

When applications present data in a well-organized manner, productivity improves and comprehension is enhanced.

SCOPE provides this capability to your applications development staff in a single package.

## Proven Reliability

Hundreds of satisfied customers worldwide attest to SCOPE's usefulness and reliability.

Applications using SCOPE cover a wide spectrum of environments from commercial, educational, and scientific, to engineering. SCOPE has a proven record of innovative and reliable forms management.

```
SCOPE Editor - Version 7.2(7201)      Editing EP0100A
[1] Field #:      10                    [2] Name: FUNCTION
[3] Prompt:      [EPO100A]              [4] Prompt pos:  1,  1
                                           PO Buyer Validation
[7] Input Mask:  X(10)                  [5] Datatype:  STRING
[8] Display mask:                               [6] Ext-type:  STRING
[9] Mask pos:    1, 62
[12] Help message:  -- None --           [13] Display state: EMPTY
[14] Master dup value: -- None --         [15] Skip Stop:   0
----- Logical attrs ----- Bnk Rev Unl Bol Dim Color -----
21) Validate:  n 31) Required:  n |
22) Help ret:  n 32) Upper Case: y | 50) Pmt:  n  n  n  n  n  None
23) User esc:  y 33) Calc mode:  n | 60) Msk:  n  n  n  n  n  None
24) Master Dup: n 34) Field hold: y | 70) Inp:  n  n  n  n  n  None
25) Copy Dup:  y 35) Secure:    n |
26) Show data: y 36) Must fill: n |
27) Disp Only: n 37) Explicit DP:y |
                                           (item#,Add,DElete,FIeld,NExt,PRev / Menu option) __
```

## SCOPE Components

The three main SCOPE components combine to provide the most powerful, easy-to-use forms management system in the marketplace:

- SCOPE Editor
- SCOPE Stand-Alone Forms Tester
- SCOPE Runtime System

Utilizing state-of-the-art software engineering techniques, SCOPE can interface with most of the languages, databases, and terminals in use today.

## SCOPE Editor

The SCOPE interactive editor creates and modifies forms used by the SCOPE Runtime System. To create a form the user simply "paints" the desired image on the terminal screen - the SCOPE Editor does the rest.

Modification of the form is easily handled by the sophisticated features of the editor.

During the modification phase numeric checking, table look up values, data range validation, required fields, and more are stored in the form file for use by the SCOPE Runtime system - reducing program code and programming time.

### SCOPE Stand-Alone Forms Tester

The SCOPE Stand-Alone Forms Tester enables the developer to test form design and attributes without having to write an application program.

Design specifications can be checked easily - ensuring accuracy and compliance to original specifications **before** actual development of the software.

The forms tester permits verification of all video attributes, data types, and data validation specified by the designer.

### SCOPE Runtime System

The SCOPE Runtime System consists of a number of routines "callable" from the application program.

These routines let the program control screen formats and data flow to and from the screen.

Multiple forms can be presented on the screen simultaneously to enhance readability of displayed data.

If the user needs a permanent record of the form's contents, a simple keystroke produces a file containing the image of the current form.

If the form becomes garbled by system messages or line noise, the user can easily "refresh" the form to its original state.

A few specialized calls are all you need to successfully initialize, read, and write data via SCOPE. Other calls permit changes to form attributes and SCOPE features while the program is running.

### Quick Development

Simple to learn and easy to use - from design of your screens to development of your software, to installation of the final system - SCOPE simplifies and aids in the entire process.

SCOPE is not a substitute for your application, but aids the design and

coding process by eliminating the need to design and write specialized code to input, validate, and output terminal data.

### Form Design

During application design, when you are specifying your files, data structures, and processes, you build the forms to be used for terminal input/output by telling SCOPE what values to use for data validation and defaults.

In addition, help messages and video attributes can be assigned to each field.

SCOPE also provides full documentation for the forms to be included in the system documentation.

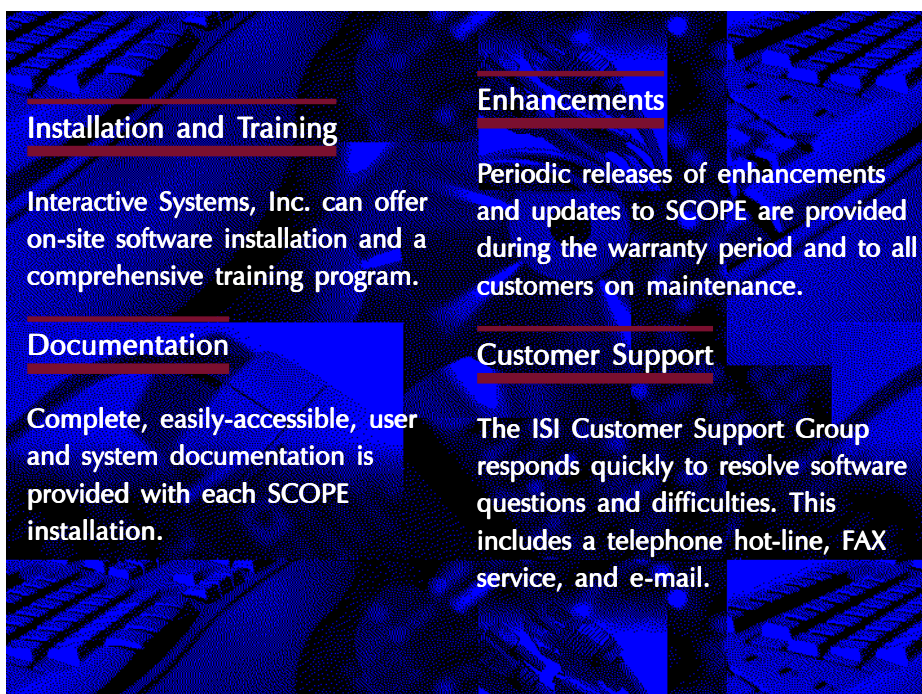
### Application Coding

During the coding, the programming staff uses calls to SCOPE's runtime routines wherever terminal I/O is required. The substitution of simple calls for hundreds of lines of code saves a tremendous amount of time.

### Using SCOPE

SCOPE is currently used in every major application area - in virtually every part of the world. SCOPE's multilingual and database interface capabilities suit it to any application environment.

SCOPE's usefulness is limited only by the imagination and ingenuity of the programming and end-user staffs.



**Installation and Training**  
Interactive Systems, Inc. can offer on-site software installation and a comprehensive training program.

**Documentation**  
Complete, easily-accessible, user and system documentation is provided with each SCOPE installation.

**Enhancements**  
Periodic releases of enhancements and updates to SCOPE are provided during the warranty period and to all customers on maintenance.

**Customer Support**  
The ISI Customer Support Group responds quickly to resolve software questions and difficulties. This includes a telephone hot-line, FAX service, and e-mail.



**Interactive Systems, Inc.**

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