VAX® INTOUCH®

and STANDALONE UTILITIES

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Preface

INTOUCH

INTOUCH is the Next Generation Language for VAX computers. It allows you to develop complex applications *rapidly and accurately.* The power of INTOUCH comes from its integrated database access and development environment.

Purpose

The purpose of this booklet is to provide instructions for installing INTOUCH on your VAX computer.

This booklet also should be used to install INTOUCH Standalone Utilities, e.g., Guided Query Language.

Audience

This manual is intended for use by the system manager or other technical personnel.

IF THE APPROPRIATE PERSONNEL ARE NOT AVAILABLE, OR YOU HAVE QUESTIONS ABOUT INSTALLING INTOUCH, PLEASE CALL TOUCH TECHNOLOGIES, INC. AT:

1-800-525-2527 toll free within the U.S. and Canada
1-619-455-7404 elsewhere

1 VMS REQUIREMENTS

1.1 VMS REQUIREMENTS

Listed below are the VMS requirements:

- VMS Version

  VMS version 4.5 or greater

1.2 AUTHORIZE

- The following AUTHORIZE quotas and limits must be increased to these minimum values:

Table 1–1 Authorize Quotas

Quota/Limit	Minimum Value
BYTLM (byte limit)	90000
PGFLQUO	50000
PRCLM (subprocess limit)	1

If INTOUCH is run from another product, such as ALL-IN-1, or through a menu, the subprocess quota must be two or greater.

Failure to make these changes will cause the following INTOUCH features to malfunction:

- EDIT
- DCL pass-through
- The PASS statement

1.3 SYSGEN

The following SYSGEN parameters must be increased to these minimum values:

Table 1–2 Minimum SYSGEN Parameter Values

Parameter	Minimum Value
RMS_GBLBUFQUO	16384
GBLPAGFIL	16384
GBLPAGES	50000
GBLSECTIONS	800

Table 1–2 (Cont.) Minimum SYSGEN Parameter Values

Parameter	Minimum Value
PQL_MENQLM	600
LOCKIDTBL	4000
LOCKIDTBL_MAX	16000
RESHASHTBL	2500
MAXBUF	2400
PROCSECTCNT	128

Failure to make these changes may cause the following INTOUCH features to malfunction:

- OPEN statement when opening many files
- /COMPILE to create compiled images

Note

INTOUCH/COMPILE image names will have the extension .INT_IMG for VAX systems and .INT_IMG_AXP for AXP (ALPHA) systems.

2 INSTALLING INTOUCH ON YOUR VAX

INTOUCH can be installed on any VAX computer running under VMS version 4.5 or greater. The following items are included with this installation package:

- An INTOUCH distribution tape
- The "Installation Instructions"
- INTOUCH reference manuals

2.1 Instructions

To install INTOUCH on your VAX computer, you will need to work from a DEC VT100 or compatible terminal. Follow the steps listed below. You should type the commands shown. The VAX system is space conscious, so be sure to type the commands exactly as shown.

1 Log onto the system account

```
Username:   SYSTEM
Password:
```

2 Create the INTOUCH directory:

```
$ CREATE/DIRECTORY SYS$SYSDEVICE:[INTOUCH]
```

3 Enter the INTOUCH directory:

```
$ SET DEFAULT SYS$SYSDEVICE:[INTOUCH]
```

4 Verify you are in the new directory. You should see the message *No files found*.

```
$ DIR
  No files found.
```

5 Put the INTOUCH distribution tape on your computer's tape drive.

6 Make the tape drive available.

```
$ MOUNT MSA0:/FOREIGN
  Volume is write locked
  INTOUCH mounted on _MSA0:
```

"MSA0" may have to be replaced with the appropriate identifier for your system.

7 Backup the distribution tape—transfer INTOUCH to disk.

```
$ BACKUP/LOG MSA0:*.* *.*/NEW_VERSION
```

The backup will take about 5 minutes. As INTOUCH is transferred to disk, you will see a list of the files being transferred.

8 Build INTOUCH utilities:

```
$ @INTOUCH_BUILD
```

9 Activate INTOUCH by executing the following command:

```
$ @INTOUCH
```

10 Add the above command to your system-wide login command procedure. This will cause INTOUCH to be available to other users when they log in.

11 INTOUCH has now been installed on your computer. Verify this by typing the command "INTOUCH_DEMO" at the VAX system prompt.

```
$ INTOUCH_DEMO
```

The INTOUCH Demonstration System menu should appear on your screen:

Example 2–1 INTOUCH Demonstration System Menu

```
 INTOUCH Demo 3.0-2      INTOUCH Demonstration System              07-Feb-1994
 MAIN                      Touch Technologies, Inc.                   Level: 1

Procedures
  OVERVIEW     INTOUCH overview
  BENCHMARK    Benchmark Procedures
  FUNCTION     INTOUCH Functionality
  SOURCE       Print Source Code for Demo Procedures

Miscellaneous
  VMS          VMS Facilities
  MAIL         VMS Mail


Item? _____________

                          Type  HELP  for assistance
EXIT = Exit                                          \ = Back  HELP = Help
```

12 If you are new to INTOUCH, we encourage you to try each of the INTOUCH DEMO menu items. The BENCHMARK item is especially impressive. It shows that INTOUCH is truly "faster than ALL other OpenVMS languages" when doing I/O operations!

A AN INSTALLATION EXAMPLE

The following is an example of the installation of INTOUCH on a VAX computer system:

```
Username:  SYSTEM
Password:

$ CREATE/DIRECTORY SYS$SYSDEVICE:[INTOUCH]
$ SET DEFAULT SYS$SYSDEVICE:[INTOUCH]
$ DIR
   No files found.
$ MOUNT MSA0:/FOREIGN
Volume is write locked
INTOUCH mounted on _MSA0:

$ BACKUP/LOG MSA0:*.* *.*/NEW_VERSION
        .
        .
        .
$ @INTOUCH

$ INTOUCH_DEMO
```

Example A–1 Benchmarking

```
 INTOUCH Demo 3.0-2      INTOUCH Demonstration System              07-Feb-1994
 MAIN                      Touch Technologies, Inc.                   Level: 1

Procedures
  OVERVIEW     INTOUCH overview
  BENCHMARK    Benchmark Procedures
  FUNCTION     INTOUCH Functionality
  SOURCE       Print Source Code for Demo Procedures

Miscellaneous
  VMS          VMS Facilities
  MAIL         VMS Mail

Item? benchmark___

                           Type  HELP  for assistance
EXIT = Exit                                              \ = Back  HELP = Help
```

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