

# Advantage™ VISION:Inquiry®

## for CICS®

### Getting Started

#### 6.5



Computer Associates®

IQGTC065.PDF/D07-409-010

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# 1 Introduction

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Thank you for choosing Advantage™ VISION:Inquiry® 6.5 (hereinafter referred to as VISION:Inquiry). Before you install the host software, read this guide for important information.

## Product Description

VISION:Inquiry is an easy-to-use general purpose, multilingual application program for inquiry and retrieval of data from IMS™ (DL/I) databases, DB2® tables or views, and VSAM data sets. Data is retrieved in response to inquiries consisting of simple user-oriented commands.

VISION:Inquiry features include:

- Immediate online response to inquiries (also referred to as queries).
- An easy-to-learn free-form natural inquiry language.
- Immediate online response to inquiries using the Automatic Query Facility (AQF), a complete menu-driven system with fill-in-the-blank specifications.
- Modifiable inquiry language vocabulary.
- Access to multiple IMS databases, DB2 tables/views, and VSAM data sets, or a combination of the three.
- Access to DB2 tables using embedded SQL statements.
- Optional User Defined Output (UDO) formatting.
- Selective terminal output routing.
- Arithmetic commands and functions.
- Logical commands.
- Report summary commands.
- An interactive capability for creating and storing inquiries.
- Complete text editing capabilities for stored inquiries.
- Conversational mode or continuous mode of operation.

- Built-in data security.
- User exit facilities.
- Vocabulary and messages translatable to languages other than English.
- Transfer of data in different formats from host to PC, if VISION:Journey® for Windows® is installed.
- Advantage™ Intraccess™ (hereafter referred to as Intraccess) support. Intraccess is a Java-based tool that communicates with VISION:Inquiry using TCP/IP (Transmission Control Protocol/Internet Protocol). Use it to run queries stored in the VISION:Inquiry system database, deliver the data to PCs, and make the data available to end users. For more information about the Intraccess product, see the Intraccess documentation.

## DB2 Information

The documentation contains information for sites licensed with the VISION:Inquiry DB2 option and without the DB2 option. Text containing DB2 is specifically applicable to DB2 licensed sites.

## Intraccess Information

The documentation contains information for sites licensed with the Intraccess option. Text containing Intraccess is specifically applicable to Intraccess licensed sites. See the Intraccess documentation for more information about the Intraccess option.

## Environments

You can install VISION:Inquiry under CICS or IMS.

See the environment-specific *VISION:Inquiry Release Summary* and *VISION:Inquiry Installation Guide*.

## Documentation

The compact disc contains the documentation. The documents are in Adobe Acrobat Portable Document Format (PDF) and are designed for you to read online using the Acrobat Reader.

Each online document contains a table of contents, index, and underlined hypertext links. To go directly to the document, chapter, section, or topic being referenced, click the hypertext link.

The following books are available for VISION:Inquiry Version 6.5. All of the VISION:Inquiry books are on the VISION:Inquiry documentation compact disc.

<i>VISION:Inquiry for CICS Getting Started</i> (IQGTC065.PDF)	Contains a brief introduction to the product and an overview of the installation.  This document was previously known as the CD booklet.
<i>VISION:Inquiry for CICS Release Summary</i> (IQRSC065.PDF)	This document contains practical techniques for using VISION:Inquiry more efficiently. It also contains information pertinent to new releases of the system as well as useful information from our customers and Technical Support staff. <ul style="list-style-type: none"><li>■ Use this document in conjunction with its corresponding <i>VISION:Inquiry for CICS Technical Reference Guide</i>.</li><li>■ This document was previously called the <i>VISION:Inquiry Customer Bulletin</i>.</li></ul>
<i>VISION:Inquiry for CICS Installation Guide</i> (IQINC065.PDF)	This document contains the installation instructions and the Post-Installation Dialog.
<i>VISION:Inquiry for CICS Technical Reference Guide</i> (IQRFC065.PDF)	This document contains descriptions of the system components, information on defining the system, using the system utilities, programming and operation considerations, user exits, system modules and system macros. <ul style="list-style-type: none"><li>■ Use this document in conjunction with its corresponding <i>VISION:Inquiry for CICS Release Summary</i>.</li><li>■ This document was previously called the <i>VISION:Inquiry Technical Reference Manual</i>.</li></ul>

<i>VISION:Inquiry Automatic Query Facility (AQF) for IMS and CICS User Guide</i> (IQAQF065.PDF)	Provides end users with information about using VISION:Inquiry Automatic Query Facility (AQF). It explains the use of the menu-driven system and provides examples of simple and complex inquiries. This document may be referred to as the <i>AQF User Guide</i> .  This document was previously called the <i>VISION:Inquiry for IMS and CICS Automatic Query Facility User's Guide</i> .
<i>VISION:Inquiry Reference Guide</i> (IQHUG065.PDF)	Provides end users with information about using VISION:Inquiry. It explains command statements, provides syntax rules, and contains examples showing how the language works.  This document was previously called the <i>VISION:Inquiry for IMS, CICS, and TSO User's Guide</i> .
<i>VISION:Inquiry Messages Guide</i> (IQMSG065.PDF)	Lists and explains the various input and output error messages that can be issued by AQF, native VISION:Inquiry, and VISION:Journey for Windows.  This document was previously called <i>VISION:Inquiry for IMS, CICS, and TSO Error and Informational Messages</i> .

## Installing Online Documentation and the Acrobat Reader

You can install the online documentation on your local hard drive or on a network server. Or, you can access the documentation directly from the CD-ROM.

If you do not have Acrobat Reader installed, you can install it from the CD-ROM.

**Note:** You can install the online documentation only on a Windows system.

To install the online documentation, the Acrobat Reader, or both:

1. Close all application programs.
2. Insert the CD-ROM into the CD-ROM drive.
3. Click the Start menu and select Run.
4. In the Run dialog box, type: D:\Books\Setup.exe (where D:\ is the CD-ROM drive) and click OK.

5. Follow the instructions. Computer Associates recommends that you install the online documentation in the default directory (C:\ProgramFiles\CA\Advantage VISION\_Inquiry 6.5 CICS\Books\) or a directory of your choice (for example, C:\VISION\_Inquiry 6.5 CICS\Books\).

## Viewing Online Documentation

Regardless of the location of the online documentation (on a hard drive or compact disc), you can view the online documentation using the following methods:

- In Windows, click the Start menu, point to Programs, point to Advantage VISION\_Inquiry 6.5 CICS. Double-click the PDF file name.
- In Windows Explorer, point to the Books directory on the hard drive where you installed the online documentation. Double-click the PDF file name.
- In Windows Explorer, point to the Books directory on the CD-ROM drive and double-click the PDF file.

## Using Adobe Acrobat Reader

Use Acrobat Reader to view the online documentation, adjust the size of the page, and perform searches. For more information, use the Acrobat Help menu.

## Educational and Professional Services

You can become proficient in using VISION:Inquiry by reading the *VISION:Inquiry for CICS Technical Reference Guide*, *VISION:Inquiry Automatic Query Facility (AQF) for IMS and CICS User Guide*, and writing several programs. However, if you would like more extensive training, Computer Associates can provide a one-day training seminar, at a nominal fee. In addition, Computer Associates Technical Support is available 24-hours a day, 7 days a week to answer any questions or handle any problems that may arise.

In addition to educational services, Computer Associates offers consulting and programming services to assist you in exploiting the full capabilities and power of VISION:Inquiry.

## Contacting Total License Care (TLC)

TLC is available Monday-Friday 7 am - 9 pm Eastern Time in North America and 7 am - 7 pm United Kingdom time. Additionally, 24-hour callback service is available for after hours support. Contact TLC for all your licensing requirements.

Be prepared to provide your site ID for product activation.

To activate your product, use one of the following:

**North America:** 800-338-6720 (toll free) 631-342-5069 help@licensedesk.cai.com

**Europe:** 00800-1050-1050 euro.tlc@ca.com

If your company or local phone service does not provide international access, please call your local Computer Associates office and have them route you to the above number.

**Australia:** 1-800-224-852

**New Zealand:** 0-800-224-852

**Asia Pacific:** 800-224-852

**Brazil:** 55-11-5503-6100

**Japan:** JPNTLC@ca.com

## Contacting Computer Associates

For technical assistance with this product, contact Computer Associates Technical Support on the Internet at SupportConnect.ca.com. Technical support is available 24 hours a day, 7 days a week.

# 2 Installation Overview

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This chapter overviews the Advantage VISION:Inquiry installation. It describes the following:

- Pre-installation activities
- The installation steps
- Post-installation steps

## SMP/E Installation Specifications

The packaging of VISION:Inquiry Version 6.5 has been changed to conform to the IBM SMP/E standards. SMP/E modification control statements (MCS) along with the supporting JCL for the RECEIVE, APPLY, and ACCEPT processes have been developed to install the elements of the product. The Relative File (RELFILE) method is used to reference the unloaded product data sets during the install process. A REXX program has been written to assist you in tailoring the SMP/E install job streams (JCL and control statements) to conform to your company's standards and conventions.

Problem fixes or post-delivery enhancements to the product are now packaged to conform to SMP/E standards and processes for PTFs and/or APARs.

The Function Modifier Identification (FMID) for VISION:Inquiry Version 6.5 for CICS is CCVL650.

The Function Modifier Identification (FMID) for VISION:Inquiry Version 6.5 for CICS DB2 Interface is CDIP650.

## CA LMP Licensing Specifications

To verify proper authorization to use the product at a customer site, VISION:Inquiry Version 6.5 uses the CA License Management Program (LMP).

The VISION:Inquiry product is offered as a base product with standard features and the DB2 optional feature that is licensed separately.

Therefore, each customer will use one or two product codes. There will be one product code for the base system, VISION:Inquiry, and one code for the DB2 optional feature.

The assigned product codes for VISION:Inquiry for CICS are as follows:

- TI - VISION:Inquiry base
- K8 - VISION:Inquiry DB2 Interface option

VISION:Inquiry Version 6.5 has been modified to invoke LMP to verify the authorized use of the VISION:Inquiry and its optional features. This verification first checks that the CAIRIM service is operational or not. The product terminates with an appropriate error message if CAIRIM is not operational.

Additionally, VISION:Inquiry Version 6.5 invokes LMP to verify the authorized use of the base product or any of the optional features. If an attempt is made to employ the base product or any of the optional features without proper authorization, an appropriate error message is issued but execution of the product continues.

## Installation Details

For specific information, see the *VISION:Inquiry for CICS Installation Guide*, which contains worksheets for determining and listing various installation-dependent items and a check list describing the step-by-step installation activities.

When a new release of VISION:Inquiry is distributed, you will receive the distribution tape and the *VISION:Inquiry for CICS Installation Guide* which contains complete installation instructions. However, because some of the steps involved in an installation are unnecessary when upgrading to a new release, you will also use the *VISION:Inquiry for CICS Release Summary* which contains instructions for migrating from any supported release to the current release of VISION:Inquiry.

The installation of VISION:Inquiry requires step-by step procedures that includes worksheets, checklist, and instructions as explained in detail in the *VISION:Inquiry for CICS Installation Guide*.

The post-installation steps can be done either by using the step-by-step procedures or by going through the Installation Dialog using TSO/ISPF panels. Both of these methods are explained in the *VISION:Inquiry for CICS Installation Guide*.

## Pre-Installation Considerations

You can complete a number of pre-installation activities before doing the actual installation steps. In a typical data processing installation, some of these tasks should be scheduled well in advance of the intended implementation time. The first of these is to review the supplied documentation to determine the specifics (options, database names, and so on) that apply to the installation.

The following activities are recommended for advanced preparation:

- Fill in the Installation worksheets.
- Review the Installation check list.
- Determine the CICS generation specifications, as appropriate to your environment.
- Determine DB2 Attach Facility specifications.

The VISION:Inquiry documentation contains information for sites licensed with the VISION:Inquiry DB2 option and without the DB2 option. Text containing "DB2" is specifically applicable to DB2 licensed sites.

- Determine PC specifications and requirements for VISION:Journey.  
For VISION:Journey specifications and requirements, see the *VISION:Journey for Windows System Administrator's Guide*.
- Determine PC specifications and requirements for Intraccess.  
For Intraccess specifications and requirements, see the Intraccess documentation.
- Determine the product licensing requirements.

See the *VISION:Inquiry for CICS Installation Guide* for details.

## Pre-Installation Aids

Pre-Installation aids are available to help you install your system in a procedural fashion, and provide a means of documenting the installation. There is a worksheet to identify the names of the various VISION:Inquiry components, and a check list to describe each step of the installation process.

Before you install VISION:Inquiry, you will become familiar with the system components, the release information, complete the installation worksheets, and review the full installation check list.

See the *VISION:Inquiry for CICS Installation Guide* for details.

## Installation Worksheets

You will use the installation worksheets to help you identify and name various items required during installation of VISION:Inquiry. The data is broken down into various logical groupings; within each group you are given descriptions of items for which names are required. The supplied names are listed for items that are created or loaded from the tape during installation and blank spaces are provided for you to enter the names you use.

Installation worksheets include such topics as:

- Requirements for VISION:Inquiry
- Requirements for AQF
- Requirements for Text Editor
- Text Editor database requirements (can be either DL/I or DB2)
- The availability of TCP/IP for Intraccess
- Requirement for VISION:Journey

- VISION:Journey download database requirements
- Existing libraries required
- New libraries
- Installation procedure and JCL
- DL/I requirements if DL/I system and/or user databases used
- VSAM requirements if VSAM system and/or user database used
- DB2 requirements if DB2 system and/or user database used

See the *VISION:Inquiry for CICS Installation Guide* for details.

## Installation Check List

A check list is provided to help you plan the installation of VISION:Inquiry.

Sections of the check list designated as pre-installation contain steps that can be performed before doing the actual installation steps. This may be necessary for the CICS generation portion of the installation, if CICS generations must be scheduled at your installation. If special scheduling is unnecessary, these steps can be performed when the installation steps are completed.

The following is an abbreviated form of the installation check list. See the *VISION:Inquiry for CICS Installation Guide* for details.

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### **VISION:Inquiry Installation Checklist (Page 1 of 2)**

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#### **Pre-Installation:**

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1. Preparation
  2. CICS system generation specification
  3. DB2 Attach Facility specifications
  4. Product licensing specifications
- 

#### **Post-Installation:**

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5. Installation steps using SMP/E
  6. Generating/defining IMS (DL/I) control blocks, if necessary
  7. Binding the DB2 Plan
  8. Defining BMS screen formats
-

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**VISION:Inquiry Installation Checklist (Page 2 of 2)**

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9. Installing the databases:

- system database
- test databases
- sort work database (if needed)
- Text Editor database
- AQF database
- VISION:Journey download database

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10. Installing the VISION:Journey option

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11. Installing the Intraccess option

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12. Verifying the installation

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13. Completing the installation by using the SMP/E Accept command and generating the VISION:Inquiry distribution libraries.

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See the *VISION:Inquiry for CICS Installation Guide* for details.

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