



# Software Product Description

**PRODUCT NAME:** Enterprise Capacity and Performance Data Collector  
Version 5.2

**SPD 70.10.03**

## DESCRIPTION

The Enterprise Capacity and Performance (ECP) Data Collector provides data collecting capabilities to input to ECP Analyzer and/or ECP Planner for OpenVMS and Compaq® Tru64™ UNIX® for performance analysis and capacity forecasting. The data can also be used by the PAWZ Server via the PAWZ Agent to provide a web-based interface to view performance analysis graphs. The Data Collector metrics include CPU, disk I/O, memory, process, network, lock, cluster, and diskset configuration information.

The Collector runs on a Sampling/Polling basis on supported UNIX, Windows NT, and OpenVMS systems. In addition an Event based collector is available for OpenVMS. The Collector can be activated either through the Motif GUI or command line interface, or through PAWZ. Users can tell the Collector when to start/stop, request status, and determine where the created files will be stored.

## YEAR 2000 READY

This product is Year 2000 Ready.

Year 2000 Ready is defined: "Year 2000 Ready" products are defined by Compaq as products capable of accurately processing, providing, and/or receiving date data from, into and between the twentieth and the twenty-first centuries, and the years 1999 and 2000, including leap year calculations, when used in accordance with the associated Compaq product documentation and provided that all hardware, firmware and software used in combination with such Compaq products properly exchange accurate date data with the Compaq products.

## HARDWARE REQUIREMENTS

*Any configuration that supports one of:*

- OpenVMS Alpha V6.2 to V7.2-1
- OpenVMS VAX V5.5-2 to V7.2
- Compaq Tru64 UNIX V4.0 to V4.0F
- Microsoft Windows NT 4.0 Server or Workstation (x86)
- Sun Solaris 2.5 or 2.6
- HP-UX 10.20
- AIX 4.3

**Disk Space Requirements** (varies, depending on the number of processes running and disks mounted):

*Disk Space Requirements on OpenVMS VAX/Alpha:*

Disk space required for installation: 62,000 blocks

Disk space per node per day (.CPC): 5,000 - 50,000

Disk space per node per hour (.EVM): Up to 100,000

*Disk Space Requirements on Tru64, HP-UX, AIX, Solaris:*

Disk space required for installation: 1 Mb

Disk space per node per day (.CPC): 1 Mb to 75 Mb

*Disk Space Requirements on Windows NT:*

Disk space required for installation: 350 Kb

Disk space per node per day (.CPC): 1 Mb to 10 Mb

**SOFTWARE REQUIREMENTS - one of:**

- OpenVMS Alpha operating system V6.2 to V7.2-1
- OpenVMS VAX operating system V5.5-2 to V7.2
- Compaq Tru64 UNIX V4.0 to V4.0F
- Windows NT V4.0 Server for x86 (SP 4, 5, or 6)
- Microsoft Windows NT 4.0 Workstation for x86
- Sun Solaris 2.5 or 2.6
- HP-UX 10.20
- IBM AIX 4.3

**OPTIONAL SOFTWARE**

|                         |   |
|-------------------------|---|
| <b>SPD<br/>36.04.13</b> | ECP Planner V5.2 - Predicts the performance of standalone and clustered OpenVMS and Tru64 UNIX systems.   |
| <b>70.04.04</b>         | ECP Reducer V5.2 - Converts selected data gathered by the ECP Data Collector into a form used by ECP Planner's workload classification and modeling components. |
| <b>70.05.04</b>         | ECP Analyzer V5.2 – Provides MOTIF-based performance and workload analysis for data collected by the ECP Collector and other collectors.                        |
| <b>70.74.02</b>         | PAWZ Agent V2.0 – Controls the ECP Collector and provides performance data from the Collector to the PAWZ Server on a nightly basis.                            |
| <b>70.73.02</b>         | PAWZ Server V2.0 - Stores the data collections in an SQL Server database located on a Windows NT 4.0 Server machine for display as graphs using a web browser.  |

**DISTRIBUTION MEDIA:**

- CD-ROM
- TK50 Streaming Tape (OpenVMS VAX option Only)

**ORDERING INFORMATION****Software Licenses only**

| Part Number | Description             |
|-------------|-------------------------|
| QL-5Z8A9-RA | OpenVMS VAX             |
| QL-604A9-RA | OpenVMS Alpha           |
| QL-5Z7A9-RA | Compaq Tru64 UNIX       |
| QM-6EHAA-AA | Windows NT license only |
| QL-6E0A9-AA | HP-UX                   |
| QL-6E1A9-AA | IBM AIX                 |
| QL-6E2A9-AA | Sun Solaris             |

**Software Media (CD-ROM)**

| Part Number | Description                         |
|-------------|-------------------------------------|
| QA-5Z8AA-H8 | OpenVMS VAX                         |
| QA-604AA-H8 | OpenVMS Alpha                       |
| QA-5Z7AA-H8 | Compaq Tru64 UNIX                   |
| QB-6EHAA-SA | Windows NT license and CD-ROM media |
| QA-6E0AA-H8 | HP-UX                               |
| QA-6E1AA-H8 | IBM AIX                             |
| QA-6E2AA-H8 | Sun Solaris                         |

**Software Documentation**

| Part Number | Description       |
|-------------|-------------------|
| QA-5Z8AA-GZ | OpenVMS VAX       |
| QA-604AA-GZ | OpenVMS Alpha     |
| QA-5Z7AA-GZ | Compaq Tru64 UNIX |
| QB-6EHAA-GZ | Windows NT        |
| QA-6E0AA-GZ | HP-UX             |
| QA-6E1AA-GZ | IBM AIX           |
| QA-6E2AA-GZ | Sun Solaris       |

**Software Product Services**

| Part Number | Description       |
|-------------|-------------------|
| QT-5Z8A*-** | OpenVMS VAX       |
| QT-604A*-** | OpenVMS Alpha     |
| QT-5Z7A*-** | Compaq Tru64 UNIX |
| QT-6EHA*-** | Windows NT        |
| QT-6E0A*-** | HP-UX             |
| QT-6E1A*-** | IBM AIX           |
| QT-6E2A*-** | Sun Solaris       |

\* For additional information on available licenses, services, and media, refer to the appropriate price book.

The above information is valid at time of release. Please contact your local Compaq office for the most up-to-date information.

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There are three distinct licensing processes, depending on the Operating System:

### 1) License Management Facility:

For OpenVMS and Tru64 UNIX, the ECP Data Collector supports the License Management Facility.

License units for this product are allocated on an Unlimited System Use basis.

For more information on the License Management Facility, refer to the OpenVMS Operating System Software Product Description (SPD 25.01.xx) or the OpenVMS Operating System documentation. For Tru64 UNIX, refer to SPD 41.61.xx.

### 2) License Key Request form:

For HP-UX, IBM AIX, and Sun Solaris, the ECP Data Collector requires an *ECP.license* file.

To receive the *ECP.license* file:

1. Complete the ECP Data Collector License Key Request Form
2. E-mail or FAX the request form to Compaq.

Customers receive their *ECP.license* file via return E-mail or FAX within two business days.

### 3) License Certificate

For Windows NT 4.0 Servers and Workstations, a License Certificate for ECP Collector is included in Q\*-6EHAA-\*\*.

## ECP and PAWZ INFORMATION

For more information

- Send mail to [capacity@compaq.com](mailto:capacity@compaq.com)

For more information about Compaq's licensing terms and policies, contact your local Compaq office.

## SOFTWARE PRODUCT SERVICES

A variety of service options are available from Compaq. For more information, contact your local Compaq office.

## SOFTWARE WARRANTY

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