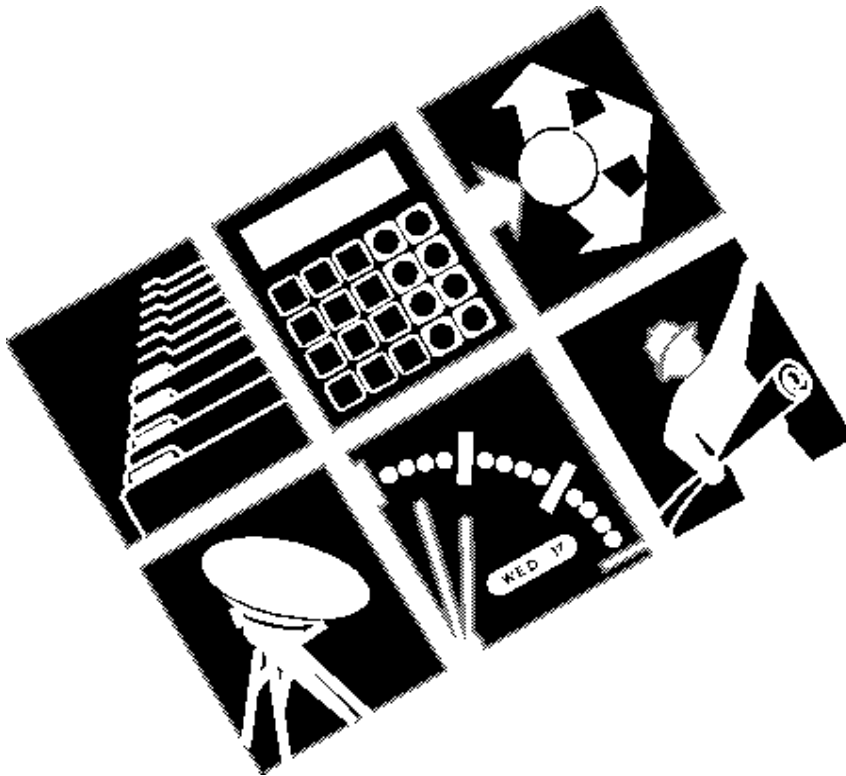# RTAP

Product Overview

Supervisory Control and Data Acquisition Software Platform

Supported Systems
- HP9000 series 700/800
- HP700i industrial workstations
- HP742i VME board computer
- Sun SPARCstation
- IBM RS/6000
- Digital Equipment Alpha AXP

Typical Applications
- Real-time information systems
- Supervisory control systems
- Telecommunications network monitoring
- Process monitoring and control
- Facilities monitoring
- Power delivery automation
- Substation automation

RTAP is a software platform for building real-time supervisory control systems using 4-GL techniques. It runs on UNIX* computers to provide the connectivity you need to integrate operational and business information systems. Supervisory RTAP/Plus systems tie together "islands of automation" to support real-time decision making.

To ensure it fits into your computer environment and can grow with your needs, RTAP runs on HP, Sun IBM and Digital Equipment hardware platforms.

It complies with important industry standards including:

- POSIX .1
- POSIX .2
- XPG3
- OSF/Motif* 1.2
- X11R5
- TCP/IP
- NFS

RTAP is also tracking the POSIX .4 real-time extensions as they are developed.
To simplify the task of building complex automation systems,

RTAP modules provide a graphical user interface and online configuration. Major modules include:

- Open real-time database
- Calculation engine
- Graphic display builders
- Display server
- Alarm detection and reporting
- Historical data collection
- Real-time and historical trend display
- Report generator
- Communications with popular PLCs and VXI devices

Product Overview

RTAP

RTAP configurations and supported scan tasks.

System	HP700 Workstation	HP800 Systems	HP Industrial Workstations	HP742i VME computer	Sun SPARCstation	IBM RS/6000	Digital Alpha AXP
Product No.	B2771A	B2772A	B2771A	B2771A	B2774A	B2775A	B2777A
Availability	Now	Now	Now	Now	Now	Now	Now
OS	HP-UX 9.0	HP-UX 9.0	HP-UX 9.0	HP-UX 9.0	Solaris 2.3	AIX 3.2	OSF/1 1.3
A-B DH/DH +	Y	Y	Y	Y	Y	Y	Y
Modicon Modbus	Y	Y	Y	Y	Y	Y	Y
Siemen's H1	Y	Y	Y	Y	N	Y	Y
A-B DTL	Y	Y	Y	Y	N	N	•
A-B KT	Y	N	Y	N	N	N	N
VXI	Y	N	Y	Y	N	N	N

• Contact RTAP/Plus Sales Center

RTAP augments UNIX by providing the event management, process scheduling and timing needed to implement industrial automation systems.

Operators will appreciate the friendly and familiar working environment provided by RTAP's OSF/Motif graphical user interface.

For software OEMs that need to harness its full power, RTAP includes a fully documented Application Programming Interface (API). This API allows programmers to extend and tailor applications to meet specific needs and makes it easy to integrate third party programs like spreadsheets, Artificial Intelligence packages or relational databases into an RTAP system.

RTAP is supported worldwide by Hewlett-Packard. Solutions for many different industries are available from our network of industrial automation channel partners.

For more information or an RTAP demonstration call:

RTAP Sales Center:
Tel: (403) 299-4750
Fax: (403) 272-2299

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Motif and OSF/1 are trademarks of the Open Software Foundation in the U.S. and other countries.
RS/6000 and AIX are products of International Business Machines Corporation (IBM)
SPARCstation and Solaris are products of Sun Microsystems Inc.
Alpha AXP is a product of Digital Equipment Corporation.

Technical Information in this documentation is subject to change without notice.

Printed in Canada 01/94
Part Number: 5963-9990E

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If you are interested in receiving more information about RTAP, please fill in the appropriate information and fax to: (403) 272-2299.

☐ Please contact me immediately.
☐ Send information only.

I am interested in RTAP on:
☐ HP   ☐ Sun   ☐ IBM ☐ Digital

Name: _____

Company: _____

Address: _____

City: _____ Prov/State: _____

Country: _____ Code: _____

Phone: _____ Fax: _____

My company is:
☐ End User
☐ System Integrator
☐ OEM
☐ VAR

Industry
☐ Oil & Gas
☐ Telecommunications
☐ Utilities
☐ Water/Wastewater
☐ Process Manufacturing
☐ Chemical/Pharmaceutical
☐ Discrete Manufacturing
☐ Food/Packaged Goods
☐ Pulp and Paper
☐ Transportation/Traffic
☐ Pipelines
☐ Other _____