

ClearPath MCP Express

ClearPath MCP Release 18.0



ClearPath Software Series

The premier ClearPath MCP operating environment puts ClearPath Forward™ Servers in a class by themselves. MCP systems deliver robust scalability, availability, data integrity, and secure ultra-high-volume transaction processing capabilities. Software and middleware extend the power and flexibility of the MCP operating environment. This enables you to build and deploy modern applications that integrate with virtually any hardware and software technology including smart phones and tablets.

ClearPath MCP Express is a free, complete PC-based ClearPath MCP operating environment. Students, teachers, hobbyists and ClearPath enthusiasts can use it

for educational and leisure purposes to develop and test ClearPath MCP- based applications. Existing ClearPath MCP users can use it to expand their knowledge of the ClearPath MCP environment. It is down-loadable from Unisys.com and it is free of charge.

The software is intended to be run on your own Windows Workstations or Laptops that meet the minimum technical requirements (reference architecture) defined later in this document.

The software is licensed for one user (an individual license) for non-commercial and non-production purposes only.

Product Highlights

- The MCP Express software is down-loadable at no-charge to the licensee. The license expiration occurs on July 31st of every calendar year, and must be renewed, if needed.
- The MCP Firmware and MCP Operating System are end user-installable.
- The software deliverables include the MCP operating system, all MCP development tools and compilers, and selected MCP run-time software to facilitate testing.
- This offering should be especially attractive to Universities / Colleges who teach Operating System classes, as well as software development classes.
- ClearPath Forward clients can use the MCP Express software for self-study, learning, or skills enhancement.

ClearPath MCP Express

List of Included Software

The ClearPath MCP Express software bundle is an indispensable collection of the software products needed to develop and test MCP-based applications.

Operating Environments

- Administration Center
- CD-ROM Formatter
- CANDE
- Client Access Services
- Installation Center
- MARC
- Master Control Program (MCP)
- MCP Firmware
- Operations Center
- Print Center
- Print System
- Software Inventory Assessment Utility
- Software License Management for ClearPath MCP
- System Software Utilities
- WIN RPC
- Work Flow Language

Security

- Kerberos Authentication
- Lightweight Directory Access Protocol
- Locum RealTime Monitor (Summary Version)
- Locum SafeSurvey (Summary Version)
- Locum SecureAudit (Summary Version)
- Secure Access Control Module
- Secure File Transfer for ClearPath MCP
- Security Center
- Security Support Library

Application Development

- ALGOL Compiler
- ALGOL Test and Debug System
- C Test and Debug System
- C Compiler
- ClearPath Application Integration Services Basic Edition – ClearPath MCP Environment
- ClearPath Application Integration Services Basic Edition – Microsoft Windows Environment – development/test licenses for 4 server cores or 4 client devices
- ClearPath ePortal Developer Studio
- Cobol74 Compiler
- COBOL74 Test and Debug System
- COBOL85 Compiler
- COBOL85 Test and Debug System
- Cross-Reference Symbolic
- Data Comm ALGOL Compiler
- Editor
- FORTRAN77 Compiler
- FORTRAN77 Test and Debug System
- Pascal Compiler
- Program Binder
- Programmer's Workbench for ClearPath MCP
- RPG Compiler
- Screen Design Facility Plus
- SORT Compiler
- XML Parser for ClearPath MCP

Tools and Utilities

- Activity Reporting System
- Backup Express
- Billing Support Library
- Enterprise Output Manager (Department Edition)
- Multilingual System
- Remote Print System
- System Assistant
- System Logger
- TCP/IP Print Enabler
- WRAP File Enabler

Database, Query and Reporting

- Advanced Data Dictionary System
- Application Data Access
- Database Interpreter
- Database Operations Center
- DMALGOL Compiler
- Enterprise Database OLE DB Data Provider for ClearPath MCP
- Enterprise Database Server for ClearPath MCP
- Enterprise Database Server Inquiry
- Extended Retrieval with Graphic Output
- JDBC for ClearPath MCP
- ODBC Access for ClearPath MCP
- Open Data Access Licenses for Unlimited ODBC and OLE DB Connections
- Relational Database Server for ClearPath MCP
- Remote Database Backup (development/test license)
- SQL Query Processor for ClearPath MCP
- XML Provider for ClearPath MCP

Communications and Networking

- BNA over IP for Application Hosts
- ClearPath MCP Communications Services for Microsoft Windows

- Connectivity Services
- Core Network Services
- Heritage Host Services
- Heritage Network Services
- Native File Transfer
- Network Administrative Utility
- Network Operations Interface
- Shared Adapter Network Services for Ethernet
- Virtual LAN Services

Internet and Transaction Processing

- ClearPath MCP Interface to Microsoft Message Queuing
- ClearPath MCP Interface to Microsoft Transaction Integrator
- Distributed Transaction Integration Developer License
- HTTP Client for ClearPath MCP
- MCP Transaction Resource Adapter for Java™ Platform
- Open Distributed Transaction Processing Resource Adapter for the Java™ Platform
- Open DTP OSI Transaction Processing
- OSI over TCP/IP Services
- TCP/IP Application Services for ClearPath MCP (FTP and TELNET)
- TCP/IP Interprocess Communications Services
- Transaction Center
- Transaction Server
- Web Enabler for ClearPath MCP (5 concurrent user licenses)
- Web Enabling Components for ClearPath MCP
- WebSphere MQ for ClearPath MCP
- Web Transaction Server for ClearPath MCP

Systems Management

- SNMP Agent for TCP/IP Networks
- SNMP Object Managers for ClearPath MCP
- Business Continuity Accelerator (development/test license)
- Workload Management for ClearPath MCP

Software Licensing

The ClearPath MCP Express Software includes a fixed set of software license keys. The key structure includes information identifying the key as being for the ClearPath MCP Express software. The keys allow 2 end users or client devices to use COMS, Data Access, and Client Access Services for testing purposes.

Download from Unisys.com, Free of Charge

- The ClearPath MCP Express software can be downloaded, free of charge at the Unisys.com website.
- The license expiration occurs on July 31st of every calendar year, and must be renewed, if needed.

Installation and Support

- The software is Customer installable.
- Unisys does not offer Support Services for the ClearPath MCP Express offering.

Hardware / Software – Installation Considerations:

The Windows-based “Reference Architecture”, is any vendor’s Workstation or Laptop that can execute the software listed below:

ClearPath MCP Express	64-bit Windows Operating System (Workstation O/S Only – No Server O/S)	Number of Processor Cores
Required	Windows 7 SP1, Windows 8.1, or Windows 10	1 and 2
Required	PowerShell 4.0	N/A
Required	.NET 4.5	N/A

ClearPath MCP Express	Number of Intel Logical Processors	Number of GB of Memory (RAM)
Minimum	1	3
Recommended	2	4

ClearPath MCP Express	Available Disk Space (GB)
Minimum	30 GB
Recommended	30+ GB

Note 1: The ClearPath MCP Express offering does not have any requirements pertaining to External Networking and Storage Ports. These Host Bus Adapter or NIC cards are optional based upon the end-user’s hardware configuration.

Note 2: Anti-virus Software: Customer Choice of anti-virus software.

Note 3: Hypervisors are allowed (i.e. VMWare, Hyper-V, VirtualBox, etc.).

Note 4: PowerShell 4.0 and .NET 4.5 are required to install the MCP Express software.

For more information visit www.unisys.com/clearpath

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