



ClearPath® OS 2200 Gold

Product Information Sheet

General features

Midrange OS 2200 processing deployed to your choice of Intel x86 server hardware or virtualized private cloud

The ClearPath OS 2200 Gold software solution provides a fully featured, mid-range, production-level processing environment. Through ClearPath OS 2200, you can deploy your OS 2200-based applications with mid-range processing requirements into a VMware private cloud or on the x86 server hardware you choose.

The ClearPath OS 2200 Gold product is an integrated software stack that includes the full OS 2200 operating system with specialized firmware that maintains compatibility with all your OS 2200 applications, data management designs and system interfaces.

Based on workload capacity, you can choose from fixed capacity licenses that align with mid-range OS 2200 workloads with predictable processing requirements or select the pay-for-use consumption licensing model to manage more variability in processing needs from internet-facing applications.

With the ClearPath OS 2200 Gold solution, your ClearPath applications can be deployed as part of your standardized data center infrastructure. This deployment can reduce costs by using a common hardware vendor or virtualized infrastructure and provide added flexibility through tools, services and skills available with an industry-standard IT infrastructure.

Product highlights

ClearPath OS 2200 Gold can help you:

- **Gain flexibility** by using a broad array of tools, services and skills available for an industry-standard IT infrastructure
- **Reduce costs** by using a hypervisor implementation that does not require dedicated server hardware to host applications
- **Lower business risks** by achieving planned objectives for functionality, budget and time to market using corporate-set standards

Business models

The ClearPath OS 2200 Software Series operating environments are designed to meet differing organizational needs. The following business models are available:

- **Fixed capacity** licenses provide a specific IP configuration that limits the overall OS 2200 processing capability up to the limit of the number of licensed IPs. This licensing model would most apply to ClearPath Forward® Dorado Systems non-metered environments moving to OS 2200 Software Series implementation.
- **Consumption** licenses provide a pay-for-use licensing model similar to the ClearPath Forward Dorado metering capability. With consumption licensing, a client is only charged for the OS 2200 capacity as it is used. The metric used to report the capacity usage is the cloud value unit (CVU). The consumption model allows multiple OS 2200 Software Series installations to share a prepaid CVU pool for added flexibility with dynamic OS 2200 workloads and high availability (HA) and disaster recovery installations.



Software series architecture

ClearPath OS 2200 Gold supports deploying OS 2200 processing on individual “bare metal” Intel-based server platforms or in a VMware hypervisor-based environment. Multiple instances of OS 2200 Software Series operating environments can be combined to support a multi-workload processing capacity needed for the overall ClearPath OS 2200 environments.

ClearPath OS 2200 Gold combines OS 2200 instruction processing, hardware environment emulation and I/O processing into a single operating environment. This makes it possible to deploy a complete OS 2200 processing capability in a VMware configuration with a single virtual machine (VM) or on a single bare metal platform.

As with ClearPath Forward Dorado systems, the administration and operation of the ClearPath OS 2200 Software Series environment is provided by the OS 2200 Operations Server. A software version of the Operations

Server is included in the overall OS 2200 Software Series 3.0 release and includes the Server Management Control and the SAIL Control Center software.

Operations Sentinel is also used with the ClearPath OS 2200 Software Series environment, providing single-point operations and consoles for OS 2200.

A separate VMware virtual machine (VM) instance or bare metal platform will be required for the OS 2200 Operations Server. A single software-based Operations Server implementation can control up to 10 OS 2200 Gold processing instance deployments. However, it is recommended that two or more Operations Server deployments be configured for redundancy in multiple OS 2200 Software Series installations. This is especially important for bare metal deployments.

ClearPath OS 2200 Gold uses the same ClearPath OS 2200 release software as the ClearPath Forward Dorado systems. OS 2200 release 18.0 is required for the OS 2200 Gold implementations.

ClearPath OS 2200 integrated stack

The OS 2200 Software Series delivers the same complete operating systems as its Dorado counterpart — consisting of software, middleware and applications optimized for reliability, resiliency, security, scalability, availability and performance.

ClearPath OS 2200 Release 18.0 is the minimum release level required to support OS 2200 Software Series. Each OS 2200 release is comprised of more than 100 integrated system software products, delivering the operating system, databases, transaction management, development and many other software elements to support enterprise-class solutions.

ClearPath OS 2200 QProcessor 5.0

An available option for the new OS 2200 Software Series capacity sets is the ClearPath OS 2200 QProcessor 5.0 release. This solution supports a full software-based implementation of the standard OS 2200 QProcessor that allows the OS 2200 Gold instances to interoperate with various systems that support IBM MQSeries® interconnectivity. As with previous QProcessor designs, multiple software-based QProcessor 5.0 instances can be deployed in HA failover configurations.

Software requirements

ClearPath OS 2200 Gold supports the following software levels:

- VMware ESXi™ 6.0 or 6.5
- Microsoft® Windows® Server 2016 (Operations Server)
- ClearPath OS 2200 Release 18.0
- ClearPath Forward QProcessor 5.0
- WebSphere MQ for ClearPath OS 2200 Version 9.0
- CIFS 9R1

Product information

These documents contain information related to the ClearPath Software Series. Additional documents for the software products included in the ClearPath OS 2200 Gold software packages are available.

- ClearPath OS 2200 Software Series Compatibility Guide
- ClearPath OS 2200 Software Series Getting Started Guide

- ClearPath OS 2200 Operations Guide
- ClearPath OS 2200 Deployment on VMware vSphere Best Practices Guide
- ClearPath OS 2200 Software Series QProcessor 5.0 Planning, Installation and Configuration Guide

ClearPath OS 2200 Gold capacity sets

OS 2200 Gold	
Capacity-based	
Number of IPs	1/4, 1/2, 3/4, 1, 2, 3, 4, 5
Consumption-based	
IP ceiling	5

For more information on ClearPath OS 2200 Software Series, visit www.unisys.com/clearpath



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