# Unisys ClearPath® OS 2200 Gold

## Product Information Sheet



## General Features

The Unisys ClearPath® OS 2200 Gold is a ClearPath OS 2200 Series solution that provides a fully-featured mid-range OS 2200 operating environment. It enables you to deploy your OS 2200-based applications with mid-range processing requirements into a VMware® based, on premise private cloud or on the Intel® x86 server hardware of your choice. It provides the secure, robust enterprise-class application operating environment that is required in today's changing data centers. The ClearPath OS 2200 Gold solution gives you the deployment flexibility you require to satisfy dynamic and evolving business requirements.

The ClearPath OS 2200 Gold software offering is deployable into an industry-standard, IT infrastructure you select that includes compatible x86 servers, or VMware ESXi™ deployment environments.

## Product Highlights

The ClearPath OS 2200 Gold can help you to:

- Gain flexibility by using a broad array of tools, services and skills available for an industry standard IT infrastructure

- Reduce costs by utilizing a hypervisor implementation that does not requiring dedicated server hardware to host applications

- Lower business risks by achieving planned objectives for functionality, budget, and time-to-market utilizing corporate set standards

## Business Models

The ClearPath OS 2200 Sofware 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 be most applicable for ClearPath Forward® Dorado non-metered environments moving to OS 2200 Software Series implementation.

- **Consumption** licensing provides a **pay-for-use** licensing model that is similar to the ClearPath Forward Dorado metering capability. With Consumption, 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 or CVU. The Consumption model allows multiple OS 2200 Software Series installations to share a Pre-paid CVU pool for added flexibility with dynamic OS 2200 workloads; and for High Availability and Disaster Recovery installations.

## Software Series Architecture

ClearPath OS 2200 Gold supports the deployment of the 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 environment may be combined to support a multi-workload processing capacity needed for the overall ClearPath OS 2200 environments.

ClearPath OS 2200 Gold combines the OS 2200 instruction processing and hardware environment emulation along with the 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 Operations Server. A software version of the Operations Server is included as part of the overall OS 2200 Software Series 2.0 release; and includes the Server Management Control (SMC), and the SAIL Control Center software. Operations Sentinel is also utilized with the ClearPath OS 2200 Software Series environment, providing Single Point Operations along with the 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 may control up to 10 deployments of the OS 2200 Gold processing instances. 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, resiliancy, 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 which allows the OS 2200 Gold instances to interoperate with a wide variety of other 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 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 are available for the software products included in the – ClearPath OS 2200 Gold software packages.

- ClearPath OS 2200 Software Series Compatibility Guide
- ClearPath OS 2200 Sofware 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 Developer Studio Capacity Sets

| OS 2200 Gold | |
|---|---|
| **Capacity based** | |
| Number of IPs | ¼, ½, ¾, 1, 2, 3, 4, 5 |
| **Consumption based** | |
| IP ceiling | 5 |

**For more information visit ClearPath OS 2200 Software section on Unisys.com**

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## For more information visit www.unisys.com/clearpath