

QUMAS Software as a Service (SaaS)

On-demand software, often referred to as Software as a Service (SaaS), is rapidly gaining favor with decision-makers across all applications and verticals. Lower ownership costs, rapid time-to-benefit, easier scalability and other substantial advantages make the SaaS model highly attractive to organizations under pressure to do more with less.

QUMAS Software as a Service is a model of software deployment whereby QUMAS licenses the QUMAS Compliance Platform to customers for use as a service, generally over the internet.

Benefits

- **Scalable**
 - Infrastructure / operational resources are bundled and managed for a lower total cost of ownership
 - Complete infrastructure immediately available and instantly scalable (QUMAS provides solutions for 20 to 120,000 users)
- **Accessible**
 - Ease of distribution (web browser access)
 - Simple software upgrades performed with minimal or no downtime
- **Available**
 - Platform is always on
 - Configuration instead of customization

QUMAS SaaS is available in two models:

1. **QUMAS Hosted** or single tenant: Each customer has a dedicated set of server images on which the QUMAS Compliance Platform is hosted.
2. **QUMAS OnDemand** or multi-tenant: Customers connect to server farms, which host the QUMAS Compliance Platform. With OnDemand, the costs of the server farms (the environment) are spread across all of the customers, or tenants. Security and exclusivity is maintained through individual, independent data repositories, and through a strict permission set.

Let's compare Hosted and On Demand:

	QUMAS Hosted	QUMAS OnDemand
Cost	Environment + Management + Users	Management + Users
Tenant	Single tenant application servers (dedicated client application servers)	Multi-Tenant application servers
Redundancy	Standalone server images	Redundant Server Farms (multiple web servers – if one fails, the other continues)
User numbers	Environment sizing options: 0-100 users, 101-200 users, etc.	User licenses purchased as standard
Upgrades	<ul style="list-style-type: none">• Clients chooses timing of upgrades, once the upgrade is to a supported version• Client pays for time involved in upgrade	<ul style="list-style-type: none">• QUMAS determines timing of upgrades, biannually• Client Upgrades within mandatory period of 2 months• No upgrade charge <i>see Note 1 below</i>

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	QUMAS Hosted	QUMAS OnDemand
Software Versions	All current QUMAS software versions supported	Current version of software only
3rd party applications	Client pays for all third party applications, such as Crystal Reports, Adlib, PleaseReview	Rendering, Reports, auto-population are included in the hosted costs (SAP Business Objects, Adlib)
Qualification	Client performs OQ and/or PQ as required	QUMAS performs OQ, Client performs PQ as required
Environments	One environment with two repositories, test and production	One environment with two repositories, test and production, test environment can be moved for upgrade validation
QUMAS Packages Solutions	Current application version of the QUMAS Packaged Solutions supported	QUMAS Packaged Solutions
OS Patches	QUMAS manages OS Patches	QUMAS manages OS Patches
Backups	QUMAS manages backups	QUMAS manages backups
Log monitoring	QUMAS manages log monitoring	QUMAS manages log monitoring
Support cases	Log with QUMAS Support as standard	Log with QUMAS Support as standard
Benefits	<ul style="list-style-type: none"> • A lot of control, client decides when to upgrade, to what versions – all are standard services engagements • Application leading, no up front capital investment, e.g. Leasing Oracle from QUMAS, not buying => lower cost • QUMAS takes care of OS, backups, security etc. 	<ul style="list-style-type: none"> • Lower cost because of shared resources • QUMAS responsible for upgrade path • QUMAS responsible for OQ certification of the environment • QUMAS takes care of OS, backups, security etc. • Built-in multi-server redundancy • Application leading, no up front capital investment, e.g. leasing Oracle from QUMAS, not buying => lower cost

Note 1: Software available to QUMAS OnDemand clients will be released on a scheduled basis (twice a year). Critical hot fixes may be applied in the interim as decided by QUMAS management.

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