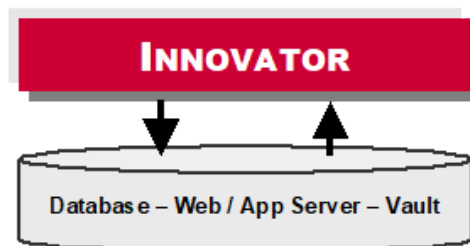


Hardware Configuration

The Aras Innovator® platform offers several configuration options designed to meet your business requirements and technology environment with the ability to scale to meet future needs. Migrating from one configuration to the next is designed to be straightforward.

Option 1: Single Server



250 Users Combined Database, File Vault, and Web / App Servers

	CPU	RAM	HDD ^{1,2}
Single Combined Server	16 Logical Cores	32 GB	1000 IOPS

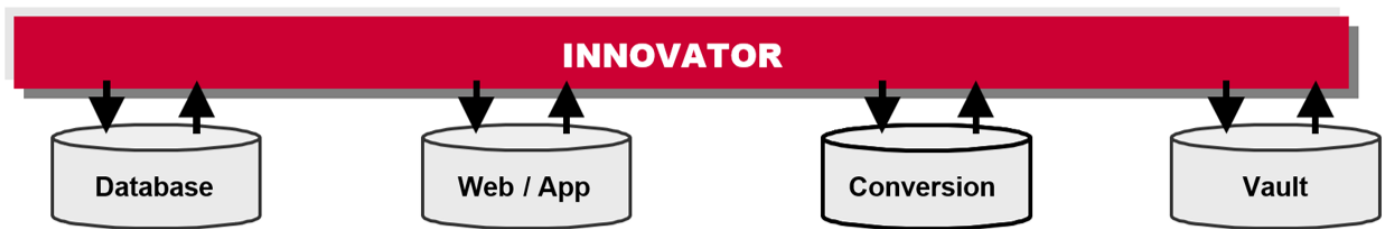
¹ HDD capacity requirements depend directly on the CAD, EDA and document formats employed in conjunction with the aggregate file count and total size.

² Disk speed is recommended for the Database Server Tier. Please see Section 2 “Recommendations and Requirements” for more details

Option 2: Separate Servers

1000 Users Separate Database, File Vault, and Web / App Servers





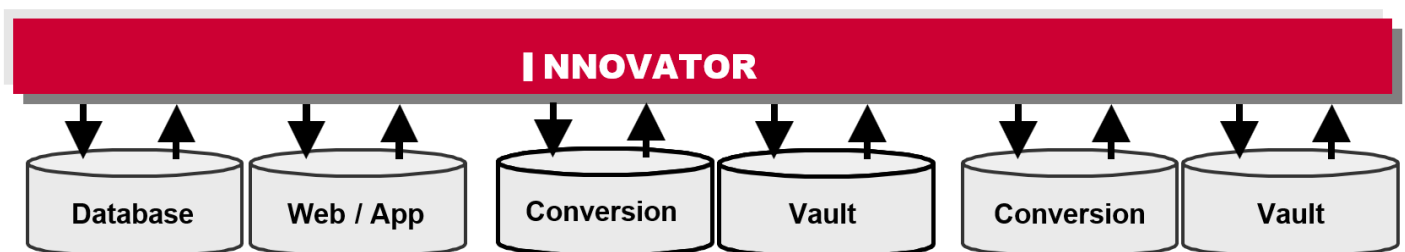
	CPU	RAM	HDD
Database Server ²	32 Logical Cores	64 GB	1000 IOPS
Web / App Server	4 Physical Cores with 8 Logical Cores	32 GB	
Vault Server ¹	4 Physical Cores with 8 Logical Cores	16 GB	500 IOPS
Conversion Server	8 Physical Cores with 16 Logical Cores	32 GB	500 IOPS

¹ HDD capacity requirements depend directly on the CAD, EDA and document formats employed in conjunction with the aggregate file count and total size.

² Please see Section 2 “Recommendations and Requirements” for more details

Option 3: Distributed Servers

1000 Multi-site Users Multiple Vault and Conversion, Single App and Database Server



	CPU	RAM	HDD
Database Server ²	32 Logical Cores	64 GB	1000 IOPS
Web / App Server	4 Physical Cores with 8 Logical Cores	32 GB	
Vault Server ¹	4 Physical Cores with 8 Logical Cores	16 GB	500 IOPS

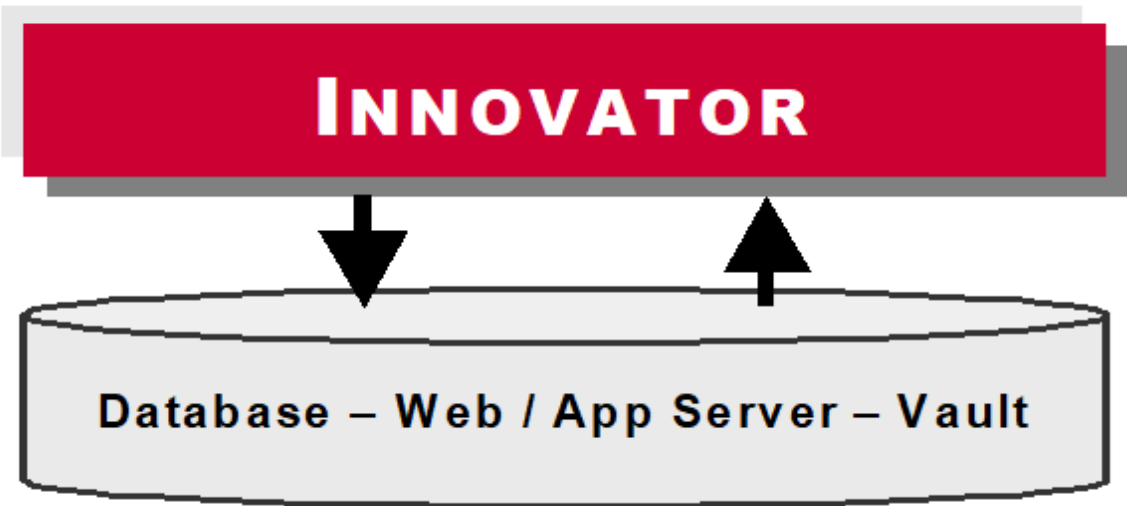
Conversion Server 8 Physical Cores with 16 Logical Cores 32 GB 500 IOPS

¹ HDD capacity requirements depend directly on the CAD, EDA and document formats employed in conjunction with the aggregate file count and total size.

² Please see Section 2 “Recommendations and Requirements” for more details

Option 4: Development Server

Used for Customization, Testing, or Training Environments



	CPU	RAM	HDD
Single Development Server	¹ 4 Logical Cores	8.0 GB	4 GB

¹ A development server is not meant to be an environment for a large number of concurrent users, but rather is meant to be an all-in-one, self-contained environment for developing and testing new applications before deploying them to the production environment.

