

**Production Accounting 1.14.0**

# **System Requirements**



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# System Requirements for Production Accounting

**Important:** System specifications and disk space requirements depend on anticipated data volumes and growth. Datamine recommends a scoping study to determine exact requirements. Testing or training environments must not be set up on the same server as the production environment, in order to reduce the load on the production server and isolate it from potential issues in other environments. For high-availability solutions additional hardware is required. This should be discussed with your Datamine representatives during the implementation study/budgeting phase.

## Production Accounting Application Server

|                  |  |
|------------------|--|
| CPU              | 4 cores  |
| Operating System | Windows Server 2019 / 2022   |
| Memory           | 32 GB RAM  |
| Storage          | 50 GB (Operating System)<br>50 GB (software and logs)<br>100 GB (working directory)  |
| Network          | 1 Gbit LAN network link or better to Database Server   |
| .NET             | .NET Framework 3.5 and .NET Framework 4.8<br>ASP.NET Core 8.0 Runtime Windows Hosting Bundle including ASP.NET Core Module (ANCM) for IIS  |
| Utilities        | <ul style="list-style-type: none"> <li>WinZip or 7-Zip</li> <li>bcp.exe and sqlcmd.exe <sup>1</sup></li> </ul>   |
| Other            | <ul style="list-style-type: none"> <li>Microsoft Internet Information Services (IIS) <sup>2</sup></li> <li>Microsoft Distributed Transaction Coordinator (MSDTC)</li> <li>Microsoft Message Queuing (MSMQ) <sup>3</sup></li> <li>Time zone configuration must be the same as the Database Server and Reporting Server</li> <li>Server Daylight Saving setting must be correctly configured based on region and Production Accounting configuration <sup>4</sup></li> </ul> |

<sup>1</sup> Required for configuration deployments done via the Application Server

<sup>2</sup> Version to suit the Operating System

<sup>3</sup> Version to suit the Operating System and .NET

<sup>4</sup> Daylight saving support is not currently available for all configurations. Please discuss daylight saving configuration requirements with a Datamine representative.

## Production Accounting Database Server

|                  |   |
|------------------|---|
| CPU              | 4 cores   |
| Operating System | Windows Server 2019 / 2022  |
| Memory           | 32 GB RAM   |
| Storage          | 50 GB (Operating System)<br>200 GB (databases) <sup>1</sup><br>300 GB (working directory for backups and temporary databases used during upgrades)  |
| RDBMS            | Microsoft SQL Server 2017 / 2019 / 2022 (with supported compatibility level from 130)   |
| Network          | 1 Gbit LAN network link or better to Application Server   |
| Other            | <ul style="list-style-type: none"> <li>• Microsoft Distributed Transaction Coordinator (MSDTC)</li> <li>• SQL Server Reporting Services (SSRS)</li> <li>• Microsoft SQL Server Management Studio</li> <li>• WinZip or 7-Zip</li> <li>• Time zone configuration must be the same as the Application Server and Reporting Server</li> <li>• Server Daylight Saving setting must be correctly configured based on region and Production Accounting configuration <sup>2</sup></li> </ul> |

<sup>1</sup> Actual storage requirements depend on the size of the Production Accounting configuration.

<sup>2</sup> Daylight saving support is not currently available for all configurations. Please discuss daylight saving configuration requirements with a Datamine representative.

# Production Accounting Clients

|                  |                                     |
|------------------|-------------------------------------|
| Operating System | Windows 10 / 11                     |
| Memory           | 4 GB RAM                            |
| Browser          | Microsoft Edge with pop-ups enabled |

## Configuration

The computer used to create and modify the Production Accounting configuration must have Microsoft Excel installed.

The computer used to deploy the Production Accounting configuration must have **bcp.exe** and **sqlcmd.exe** available. These utilities are included as part of SQL Server or the Microsoft Command Line Utilities.

These computers may be the Application Server, the Database Server, a Production Accounting Client, or a consultant's computer.

## Virtualisation

Virtualisation technology is widely used with good results for the entire suite of Intelligent Mining Solutions (IMS) products. This includes server virtualisation, application virtualisation, and cloud-based virtual environments provided by vendors such as Microsoft, VMWare, and Amazon. We take advantage of some of these technologies in our own development environments. No conflicts have been reported; however, due to the wide variety of vendors and technologies, Datamine is unable to test all virtualisation possibilities and therefore cannot offer explicit support for any of them.

Datamine enables efficient and sustainable mining through the application of world-leading technology and services.

## Read the Docs

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