

# Minimum & Recommended Hardware Specifications



## Mandata Enterprise TMS Cloud Hosted (Azure)

### Client Specifications:

| Item                     | Minimum  | Recommended  |
|--------------------------|--|--|
| <b>Operating System</b>  | Windows 10   | Windows 11 or above  |
| <b>CPU</b>               | 2GHZ Quad Core   | 2.3 GHZ Quad Core or above   |
| <b>Memory (RAM)</b>      | 8GB or above   | 8GB or above   |
| <b>Network Card</b>      | 1 Gbit network card and infrastructure.  | 1 Gbit network card and infrastructure.  |
| <b>Screen Resolution</b> | 1280 x 800   | Full HD 1920 x 1080  |
| <b>Broadband</b>         | Business Level Broadband*  | Business Level Broadband*  |
| <b>Printing</b>          | Laser printer for all with optional dot-matrix for Delivery Notes & CMR's  | Laser printer for all with optional dot-matrix for Delivery Notes & CMR's  |
| <b>Scanning</b>          | TWAIN compatible Scanner<br>*Not all TWAIN compatible devices work. Please check with Mandata for compatibility. | TWAIN compatible Scanner<br>*Not all TWAIN compatible devices work. Please check with Mandata for compatibility. |

**Additional software required for operation:** The Citrix Client will be installed on each client workstation that uses Enterprise TMS or Docscan.

**Security:** We recommend that all end user machines must be patched to the latest levels as defined by the Microsoft Windows Update web site. We also recommend that you have up to date anti-virus software installed.

**Broadband:** \*A broadband connection suitable to support the TMS and your other business requirements is essential. Mandata will assist in performing a Speed-Test to validate. Satellite broadband is not recommended.

**Please note:** Mandata software will run on hardware with lower specifications, but your user experience may be impaired.

# Mandata Enterprise TMS On Premise Local Hosting

## Server Specifications:

For systems of 1 to 25 users:

| Item                    | Minimum  | Recommended                                      |
|-------------------------|--|--|
| <b>Operating System</b> | Windows Server 2019                              | Windows Server 2022                              |
| <b>CPU</b>              | 2.13Ghz Quad Core Intel Xeon equivalent or above | 2.13Ghz Quad Core Intel Xeon equivalent or above |
| <b>Memory (RAM)</b>     | 16GB or above                                    | 32GB or above                                    |
| <b>Network Card</b>     | 1 Gbit network card and infrastructure.          | 1 Gbit network card and infrastructure.          |
| <b>Broadband</b>        | Business Level Broadband*                        | Business Level Broadband*                        |
| <b>Backup Media</b>     | Backup Software & External/removable HDU         | Backup Software & External/removable HDU         |

For systems above 25 users, please contact us for details.

**Security:** We recommend that all end user machines must be patched to the latest levels as defined by the Microsoft Windows Update web site. We also recommend that you have up to date anti-virus software installed.

**Broadband:** \*A broadband connection suitable to support the TMS and your other business requirements is essential. Mandata will assist in performing a Speed-Test to validate. Satellite broadband is not recommended.

**Remote access:** If remote access is required then Remote Desktop Server will be required.

## Client Specifications:

| Item                     | Minimum  | Recommended  |
|--------------------------|--|--|
| <b>Operating System</b>  | Windows 10   | Windows 11 or above  |
| <b>CPU</b>               | 2GHZ Quad Core   | 2.3 GHZ Quad Core or above   |
| <b>Memory (RAM)</b>      | 8GB or above   | 8GB or above   |
| <b>Network Card</b>      | 1 Gbit network card and infrastructure.  | 1 Gbit network card and infrastructure.  |
| <b>Screen Resolution</b> | 1280 x 800   | Full HD 1920 x 1080  |
| <b>Broadband</b>         | Business Level Broadband*  | Business Level Broadband*  |
| <b>Printing</b>          | Laser printer for all with optional dot-matrix for Delivery Notes & CMR's  | Laser printer for all with optional dot-matrix for Delivery Notes & CMR's  |
| <b>Scanning</b>          | TWAIN compatible Scanner<br>*Not all TWAIN compatible devices work. Please check with Mandata for compatibility. | TWAIN compatible Scanner<br>*Not all TWAIN compatible devices work. Please check with Mandata for compatibility. |

**Security:** We recommend that all end user machines must be patched to the latest levels as defined by the Microsoft Windows Update web site. We also recommend that you have up to date anti-virus software installed.

**Remote access:** If remote access is required then Remote Desktop client will be required on end user systems. Services should be implemented on Windows Server 2019 and above.

**Please note:** Mandata software will run on hardware with lower server and client specifications, but your user experience may be impaired.

## Mandata Go TMS and Web Services Manager

### Client Specifications:

| Item                     | Minimum  | Recommended  |
|--------------------------|--|--|
| <b>Operating System</b>  | Windows 10   | Windows 11 or above  |
| <b>CPU</b>               | 2GHZ Quad Core   | 2GHZ Quad Core or above  |
| <b>Memory (RAM)</b>      | 8GB  | 8GB or above   |
| <b>Network Card</b>      | 1 Gbit network card and infrastructure.  | 1 Gbit network card and infrastructure.  |
| <b>Screen Resolution</b> | 1366 x 768   | Full HD 1920 x 1080  |
| <b>.Net Framework</b>    | 4.8  | 4.8  |
| <b>Broadband</b>         | Business Level Broadband*  | Business Level Broadband*  |
| <b>Printing</b>          | Laser printer  | Laser printer  |
| <b>Scanning</b>          | TWAIN compatible Scanner<br>*Not all TWAIN compatible devices work. Please check with Mandata for compatibility. | TWAIN compatible Scanner<br>*Not all TWAIN compatible devices work. Please check with Mandata for compatibility. |

**Security:** We recommend that all end user machines must be patched to the latest levels as defined by the Microsoft Windows Update web site. We also recommend that you have up to date anti-virus software installed.

**Broadband:** \*A broadband connection suitable to support TMS and your other business requirements is required. Mandata will assist in performing a Speed-Test to validate. Satellite broadband is not recommended.

**Please note:** Mandata software will run on hardware with lower specifications, but your user experience may be impaired.

# Mobile Application Specifications

## Android:

| Item                     | Minimum                      | Recommended                           |
|--------------------------|------------------------------|---------------------------------------|
| <b>Operating System</b>  | Android 12                   | Android 14 or above                   |
| <b>CPU</b>               | 2GHZ Quad Core               | 2GHZ Quad Core or above               |
| <b>Memory (RAM)</b>      | 8GB                          | 8GB or above                          |
| <b>Example Device</b>    | Google Pixel 6 or equivalent | Google Pixel 7 or equivalent          |
| <b>Broadband</b>         | 3G                           | 4G or above                           |
| <b>Screen Resolution</b> | 1080 x 2400                  | 1080 x 2400                           |
| <b>Barcode scanning</b>  | Device Camera*               | Dedicated barcode scanning hardware*. |

**Security:** Google support only Android 12 and above. Using an earlier version puts your device and data security at risk. Mandata apps will run earlier versions of Android (7.1 and above) but your device and data security may be at risk, and the user experience may be impaired. Not all apps or app features may be available on earlier versions.

**Device Permissions:** When an app is first opened on a device it will ask the user for several permissions. You must select allow for each permission for the app to function correctly. For example, Camera, Location, Gallery access.

**Barcode scanning:** \*Where high volumes of barcode scanning is required we recommend the use of an Android based dedicated barcode scanner.

## Apple iOS:

| Item                    | Minimum       | Recommended   |
|-------------------------|---------------|---|
| <b>Operating System</b> | iOS12         | iOS17 or above  |
| <b>Device</b>           | iPhone 6s     | iPhone Xs or above  |
| <b>Broadband</b>        | 3G            | 4G or above   |
| <b>Barcode scanning</b> | Device Camera | Device Camera. Dedicated barcode scanning hardware is not available on iOS devices. |

**Security:** Apple support only iOS 17. Using an earlier version puts your device and data security at risk. Mandata apps will run on earlier versions of iOS (iOS 15 and above) but your device and data security may be at risk, and the user experience may be impaired. Not all apps or app features may be available on earlier versions.

**Device Permissions:** When an app is first opened on a device it will ask the user for several permissions. You must select 'allow' for each permission for the app to function correctly. For example, Camera, Location, Gallery access.

**Barcode scanning:** Where high volumes of barcode scanning is required we recommend the use of an Android based dedicated barcode scanner.

Mandata apps will run on hardware with lower specifications, but your user experience may be impaired.

# Eureka MoveIT On Premise Local Hosting

## Server Specifications:

| Item                     | Minimum                                  | Recommended                                       |
|--------------------------|--|---|
| <b>Operating System</b>  | Windows Server 2019                      | Windows Server 2022                               |
| <b>CPU</b>               | 1.4GHZ 64 bit processor                  | 2 GHZ Quad-core Intel Xeon E5 equivalent or above |
| <b>Memory (RAM)</b>      | 8GB                                      | 16GB  |
| <b>Network Card</b>      | 1 Gbit network card and infrastructure.  | 1 Gbit network card and infrastructure.           |
| <b>Broadband</b>         | Business Level Broadband*                | Business Level Broadband*                         |
| <b>Disk Storage Type</b> | HDD 7200 rpm                             | SSD   |
| <b>Backup Media</b>      | Backup Software & External/removable HDU | Backup Software & External/removable HDU          |

## Client Specifications:

| Item                     | Minimum  | Recommended  |
|--------------------------|--|--|
| <b>Operating System</b>  | Windows 10   | Windows 11 or above  |
| <b>CPU</b>               | 1GHZ dual core   | 2 GHZ Quad-core Intel i5 or above  |
| <b>Memory (RAM)</b>      | 4GB  | 8GB  |
| <b>Network Card</b>      | 1 Gbit network card and infrastructure.  | 1 Gbit network card and infrastructure.  |
| <b>Screen Resolution</b> | 1280 x 768   | Full HD 1920 x 1080  |
| <b>Broadband</b>         | Business Level Broadband*  | Business Level Broadband*  |
| <b>Printer</b>           | Laser printer  | Laser printer  |
| <b>Scanner</b>           | TWAIN compatible Scanner<br>*Not all TWAIN compatible devices work. Please check with Mandata for compatibility. | TWAIN compatible Scanner<br>*Not all TWAIN compatible devices work. Please check with Mandata for compatibility. |

**Security:** We recommend that all servers and end user machines must be patched to the latest levels as defined by the Microsoft Windows Update web site. We also recommend that you have up to date anti-virus software installed.

**Broadband:** \*A broadband connection suitable to support TMS and your other business requirements is essential. Mandata will assist in performing a Speed-Test to validate. Satellite broadband is not recommended.

**Please note:** Eureka software will run on hardware with lower specifications, but your user experience may be impaired.

# Eureka MoveIT Cloud Hosted (Azure)

## Client Specifications:

| Item                     | Minimum                                 | Recommended                             |
|--------------------------|---|---|
| <b>Operating System</b>  | Windows 10                              | Windows 11 or above                     |
| <b>CPU</b>               | 1GHZ dual core                          | 2GHZ Quad-core Intel i5 or above        |
| <b>Memory (RAM)</b>      | 4GB                                     | 8GB                                     |
| <b>Network Card</b>      | 1 Gbit network card and infrastructure. | 1 Gbit network card and infrastructure. |
| <b>Screen Resolution</b> | 1280 x 768                              | Full HD 1920 x 1080                     |
| <b>Broadband</b>         | Business Level Broadband*               | Business Level Broadband*               |
| <b>Printer</b>           |   |   |
| <b>Scanner</b>           |   |   |

**Additional software required for operation:** The Citrix Client will be installed on each client workstation that uses Eureka software.

**Security:** We recommend that all end user machines must be patched to the latest levels as defined by the Microsoft Windows Update web site. We also recommend that you have up to date anti-virus software installed.

**Broadband:** \*A broadband connection suitable to support TMS and your other business requirements is essential. Mandata will assist in performing a Speed-Test to validate. Satellite broadband is not recommended.

**Please note:** Eureka software will run on hardware with lower specifications, but your user experience may be impaired.