

Requirements document

Hardware and Software

Rev. 4.3

10/06/2025

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ARCHITECTURE	SOFTWARE	DOCUMENT
PC SERVER	AITs Server V. 2.1.0	Server Applications
	PCL Server¹ V. 7.00.03	
	VPSS 4ie Server V. 3.03.xx	
	AOM	
	LIVLOTS for Shop Floor ERP CORE, DX CORE, SHOP FLOOR V. 3.03.xx	
	LIVLOTS for Office DX CORE, OFFICE, QUOTE V. 1.01.xx	
	LIVLOTS QUOTE QUOTE (STANDALONE) V. 1.01.xx	
PC CLIENT	2D-CAD V. 3.03.xx	VPSS 4ie Bend Solution Pack VPSS 4ie Blank Solution Pack VPSS 4ie Robot Solution Pack VPSS 4ie Weld Solution Pack
	AR-Cam¹ V. 1.26.00	VPSS 4ie Robot Solution Pack
	Astro Easy¹ V. 3.7.4.2606	
	FMS Controller V. 5.02.06 EU	FMS
	ISC Controller V. 5.02.06 EU	
	V-factory IS V. 1.01.xx.xx	
	FMS-C Bend V. 7.04.14	
	SheetWorks V. 27 SP0	SheetWorks VPSS 4ie Tube Solution Pack
	VPSS 4ie Suite V. 3.03.xx	VPSS 4ie Bend Solution Pack VPSS 4ie Blank Solution Pack VPSS 4ie Weld Solution Pack VPSS 4ie Robot Solution Pack
	LIVLOTS (Client)	LIVLOTS (Client)
	RBR Cell Manager V2.2.43.0	RBR Cell Manager

1: Discontinued product.



Server Applications

1. Introduction

This document shows the hardware and software requirements to install the software listed below.

For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements:

	Physical server			Virtual machine		
	CPU	RAM	HDD	vCPU	RAM	HDD
AITs Server V. 2.1.0	Intel® core i7 or higher	16 GB or higher	100 GB or higher	4 core	16 GB	100 GB
PCL Server¹ V. 7.00.03						
VPSS 4ie Server V. 3.03.xx						
AOM² Amada Machine Link AOM Integration Module						
LIVLOTS for Shop Floor ERP CORE, DX CORE, SHOP FLOOR V. 3.03.xx						
LIVLOTS for Office DX CORE, OFFICE, QUOTE V. 1.01.xx	Intel® Xeon E-2300 or Intel® Pentium Gold G6405	64 GB or higher	SSD 960 GB X 2	equivalent, check with virtualisation provider	64 GB	2 TB
LIVLOTS QUOTE QUOTE (STANDALONE) V. 1.01.xx	Intel® core i5 or higher	32 GB or higher	1 TB X 2	equivalent, check with virtualisation provider	32 GB	2 TB

2.2 Software Requirements

OS x64	Windows 10 22H2 <i>Professional</i>	Windows 11 23H2 <i>Professional</i>	Windows Server 2012 R2	Windows Server 2016	Windows Server 2019	Windows Server 2022	Windows Server 2025
AITS Server V. 2.1.0	X	X	X	X	X	X	-
PCL Server¹ V. 7.00.03	X	X	X	X	X	X	-
VPSS 4ie Server V. 3.03.xx	X	X	-	X (SQL 2016)	X (SQL 2016/2019)	X (SQL 2019)	X (SQL 2022)
AOM² Amada Machine Link AOM Integration Module	X	X	-	X	X	X	-
LIVLOTS for Shop Floor ERP CORE, DX CORE, SHOP FLOOR V. 3.03.xx	-	X	-	-	X (SQL 2016/2019)	X (SQL 2019)	X (SQL 2022)
LIVLOTS for Office DX CORE, OFFICE, QUOTE V. 1.01.xx	-	-	-	-	-	X	X

1: Discontinued product.

2: NET Framework 4.5.2 or higher must be pre-installed.

2: Requires VPSS 4ie Server installation.

Note

- A computer or virtual image dedicated to Amada applications is required.
- Amada applications do not work in Terminal Server mode.
- It is not possible to install VPSS 4ie Suite on a Domain Controller.
- The Microsoft SQL Server must not be pre-installed on the machine where it will be installed.
- For some products, changing the Windows international settings will be necessary according to the English standard.
- LIVLOTS for Shop Floor server must be installed on the device where VPSS 4ie Server (SQL) is installed (with an active VPSS 4ie Server license).
- LIVLTOS for Office server must be installed on a dedicated device different from the VPSS 4ie Server terminal.
- In case of VPSS 4ie Server, it is recommended that the customer purchases a SQL Server Standard license to avoid the limitations of the Express version (e.g. database size).

Check link below for more details:

https://download.microsoft.com/download/9/C/6/9C6EB70A-8D52-48F4-9F04-08970411B7A3/SQL_Server_2016_Licensing_Guide_EN_US.pdf

We suggest purchasing SQL Server Standard Core base (instead of CAL-based), SQL Server licensing is not under Amada's responsibility.

- It is mandatory to purchase a SQL Server Standard license in case of LIVLOTS for Shop Floor installation.

2.3 VPSS 4ie Floating license

- VPSS 4ie Floating License are supported on Windows 10, Windows 11, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 and Windows Server 2022.
- In the case of VPSS 4ie Floating licenses are enabled, the following applications cannot be installed on the same PC:
 - SheetWorks
 - AOM local components (Amada Machine Link - AOM Integration Module)
 - AITS x64
 - AP100 – One Push Solid
- Hybrid environments are not supported (ex. You cannot install VPSS 4ie Blank with a node-locked license and VPSS 4ie Bend with the floating license on the same PC).
- Floating licenses are not supported for:
 - VPSS 4ie ARBEND
 - VPSS 4ie Weld
- Refer to the VPSS 4ie Floating License installer document for more details (inside the setup folder).



VPSS 4ie Bend Solution Pack

1. Introduction

This document shows the hardware and software requirements for Bend Solution Pack installation on a Client PC.

For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements

- CPU: Intel® core i7 (equivalent or higher)
- RAM: 16 GB or higher
- Video card:
 - Resolution 1920x1080
 - 4 GB of dedicated memory
 - “Compatible *OpenGL/DirectX*”

2.2 Software Requirements

Supported Operating System:

OS x64	Windows 10 22H2 <i>Professional</i>	Windows 11 23H2 <i>Professional</i>
2D-CAD V. 3.03.xx	X	X
VPSS 4ie Suite¹ V. 3.03.xx	X	X

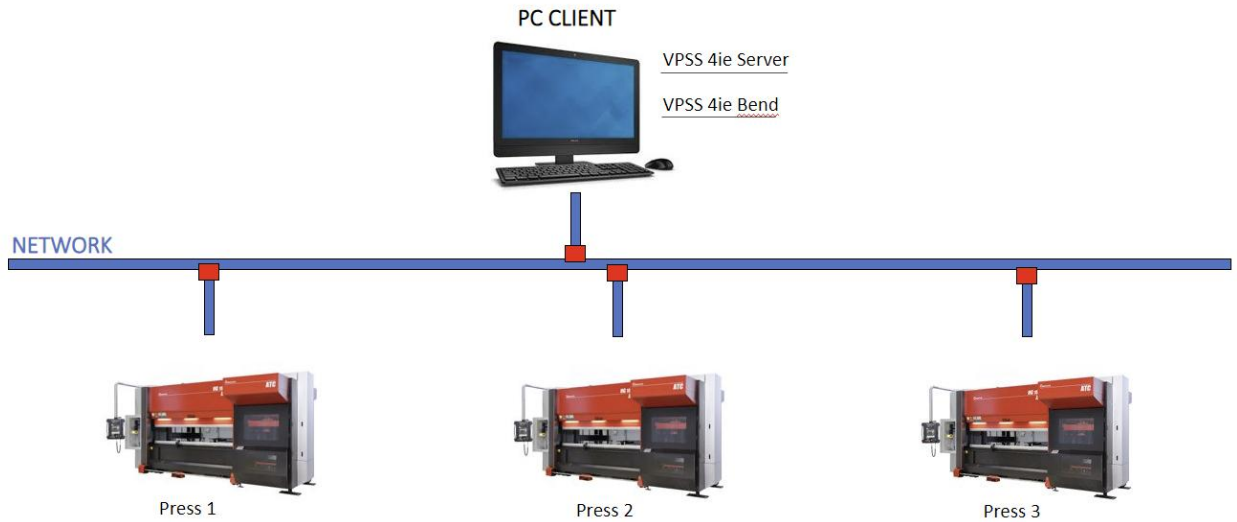
1: AMNC 3i Bend minimum version for SEM v3 native support, is v2.06.00.

2.3 Note

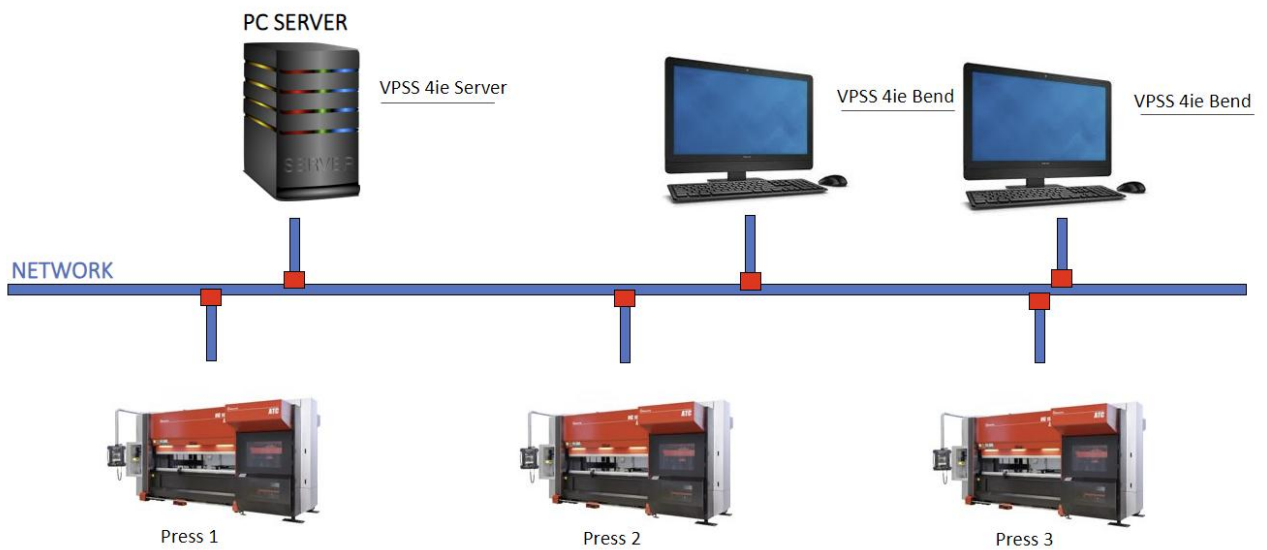
- Amada applications do not work in Terminal Server mode.
- The Microsoft SQL Server must not be pre-installed on the machine where it will be installed.
- For some products, changing the Windows international settings will be necessary according to the English standard.
- VPSS 4ie Floating License are supported on Windows 10, Windows 11, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 and Windows Server 2022.

3. Network Configuration

- Installation without a dedicated server



- Installation with a dedicated server





VPSS 4ie Blank Solution Pack

1. Introduction

This document shows the hardware and software requirements for Blank Solution Pack installation on a Client PC.

For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements

- CPU: Intel® core i7 (equivalent or higher)
- RAM: 16 GB or higher
- Video card:
 - Resolution 1920x1080
 - 4 GB of dedicated memory

2.2 Software Requirements

Supported Operating System:

OS x64	Windows 10 22H2 <i>Professional</i>	Windows 11 23H2 <i>Professional</i>
2D-CAD V. 3.03.xx	X	X
VPSS 4ie Suite V. 3.03.xx	X	X

2.3 Note

- Amada applications do not work in Terminal Server mode.
- The Microsoft SQL Server must not be pre-installed on the machine where it will be installed.
- For some products, changing the Windows international settings will be necessary according to the English standard.
- VPSS 4ie Floating License are supported on Windows 10, Windows 11, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 and Windows Server 2022.

- **Installation without a dedicated server**





LIVLOTS (Client)



1. Introduction

This document shows the hardware and software requirements for LIVLOTS installation on a Client PC.
For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements

- CPU: Intel® core i5 (equivalent or higher)
- RAM: 8 GB or higher
- Video card:
 - Resolution 1920x1080
 - 2 GB of dedicated memory

2.2 Software Requirements

Supported Operating System:

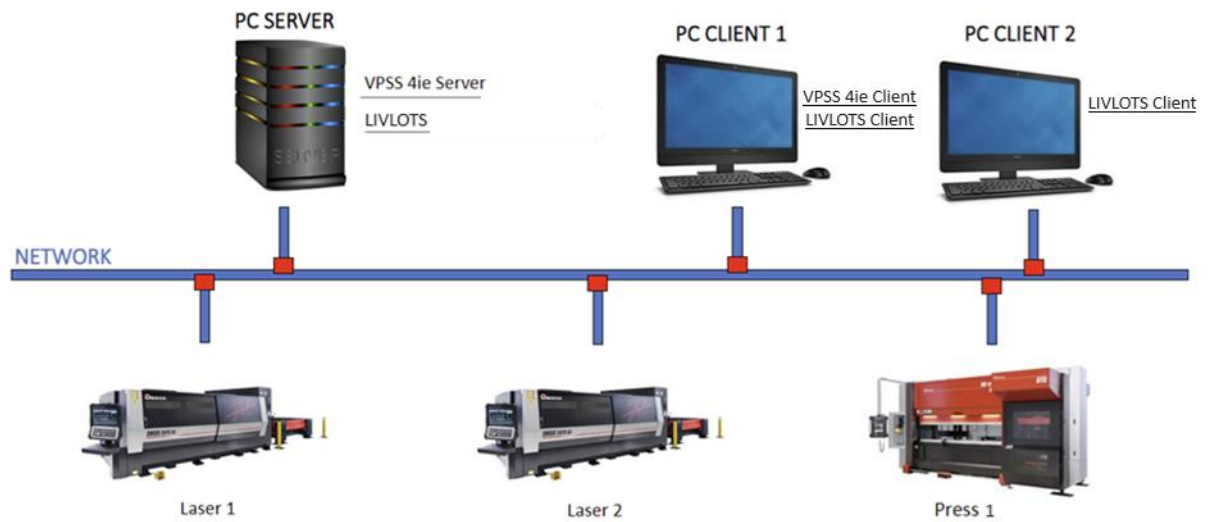
OS x64	Windows 10 22H2 Professional	Windows 11 23H2 Professional
LIVLOTS for Shop Floor (Client) ERP CORE, DX CORE, SHOP FLOOR V. 3.03.xx	-	X
LIVLOTS for Office (Client) DX CORE, OFFICE, QUOTE V. 3.03.xx	-	X

2.3 Note

- LIVLOTS App is supported only on iPad running the latest iOS version
- LIVLOTS Shop Floor and Office client can be installed on the same PC

3. Network Configuration

Installation with a dedicated server





FMS



1. Introduction

This document shows the hardware and software requirements for FMS installation on a Client PC.
For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements

- CPU: Intel® core i5 (i7 is suggested)
- RAM: 8 GB or higher
- Video card:
 - Resolution 1920x1080
 - 1 GB of dedicated memory
- Suggested 2 Network cards

2.2 Software Requirements

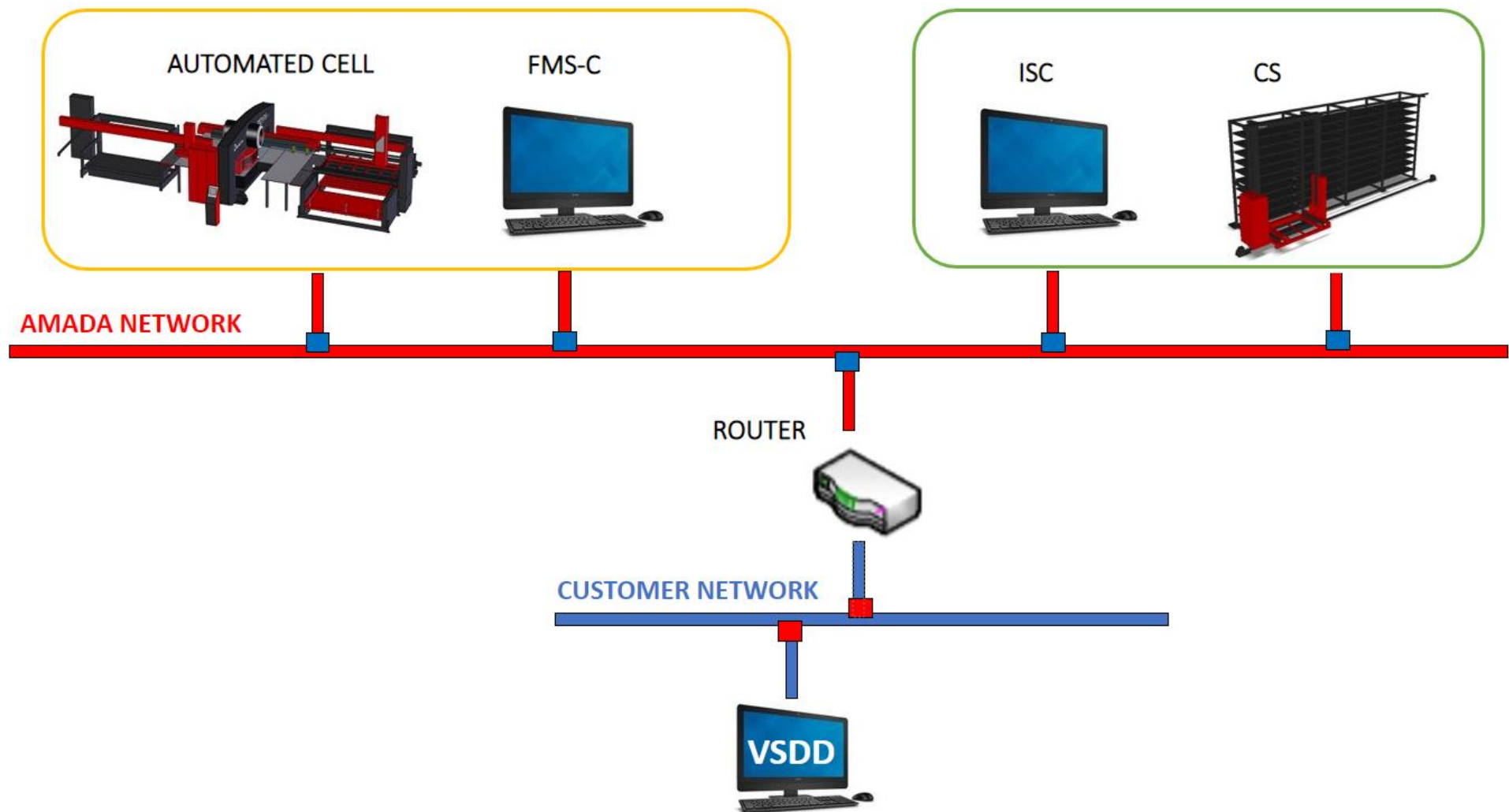
Supported Operating System:

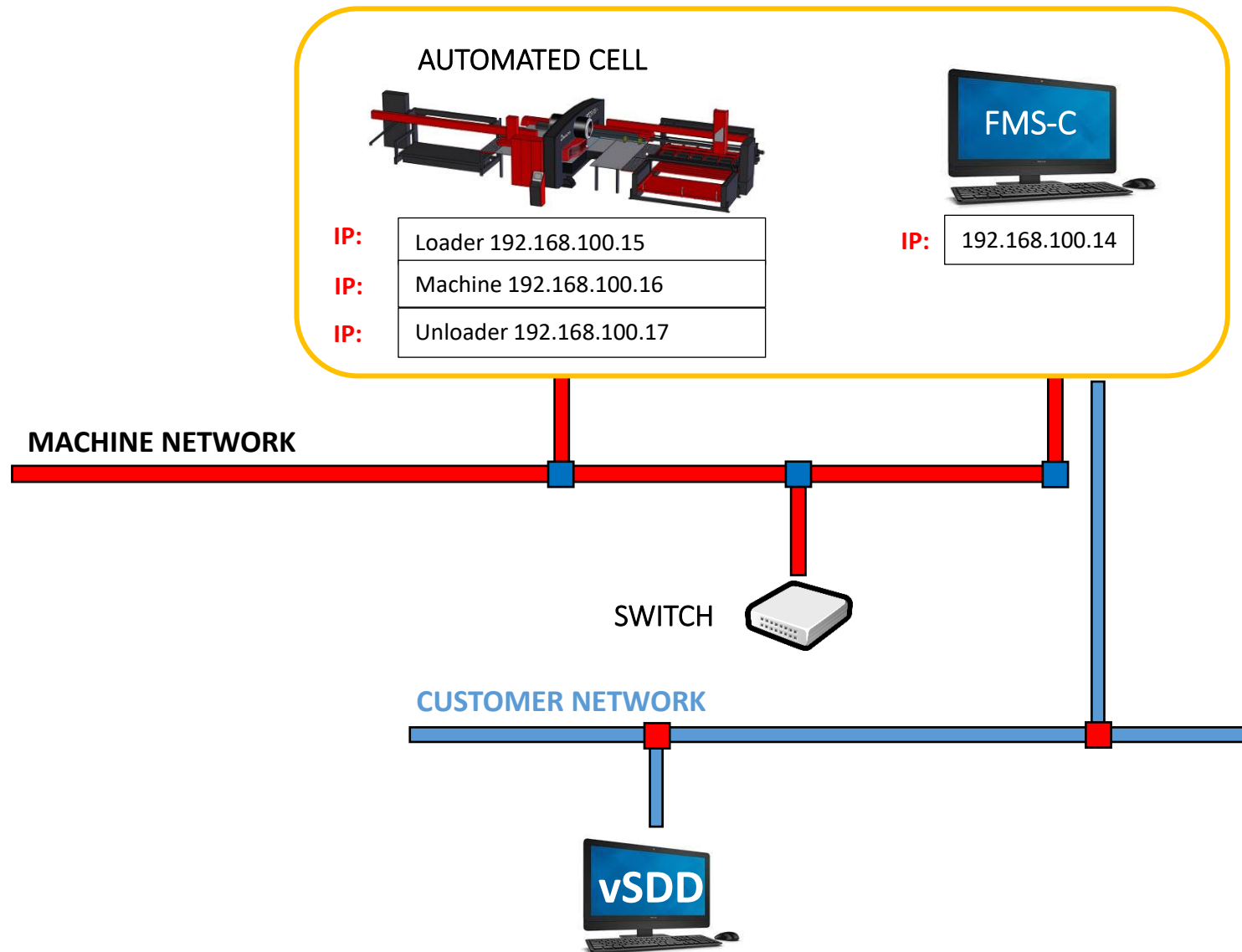
OS x64	Windows 10 22H2 <i>Professional</i>	Windows 11 23H2 <i>Professional</i>
FMS Controller V. 5.02.06 EU	X	X
ISC Controller V. 5.02.06 EU	X	X
V-factory IS V. 1.01.xx.xx	-	X
FMS-C Bend V. 7.04.14	X	-

2.3 Note

- Amada applications do not work in Terminal Server mode.
- Software installation must be performed on a dedicated PC.

3. Network Configuration







VPSS 4ie Robot Solution Pack

1. Introduction

This document shows the hardware and software requirements for Robot Solution Pack installation on a Client PC.

For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements

- CPU: Intel® core i7 (equivalent or higher)
- RAM: 16 GB or higher
- Video card:
 - Resolution 1920x1080
 - 4 GB of dedicated memory
 - “Compatible *OpenGL/DirectX*”

2.2 Software Requirements

Supported Operating System:

OS x64	Windows 10 22H2 <i>Professional</i>	Windows 11 23H2 <i>Professional</i>
2D-CAD¹ V. 3.03.xx	X	X
Astro Easy^{3,4} V. 3.7.4.2606	X	-
VPSS 4ie Suite⁵ V. 3.03.xx	X	X

1: Cannot be installed together with Astro Easy.

3: Discontinued product.

4: Requires PCL client v. 5.20.05 or higher.

5: AMNC 3i Bend minimum version for SEM v3 native support, is v2.06.00.

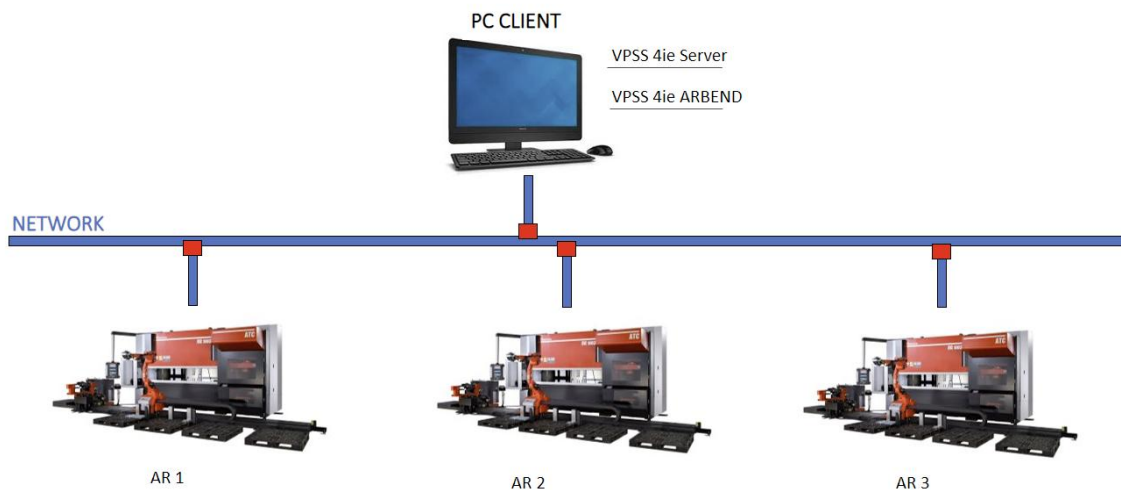
Note

- Amada applications do not work in Terminal Server mode.
- The Microsoft SQL Server must not be pre-installed on the machine where it will be installed.
- For some products, changing the Windows international settings will be necessary according to the English standard.

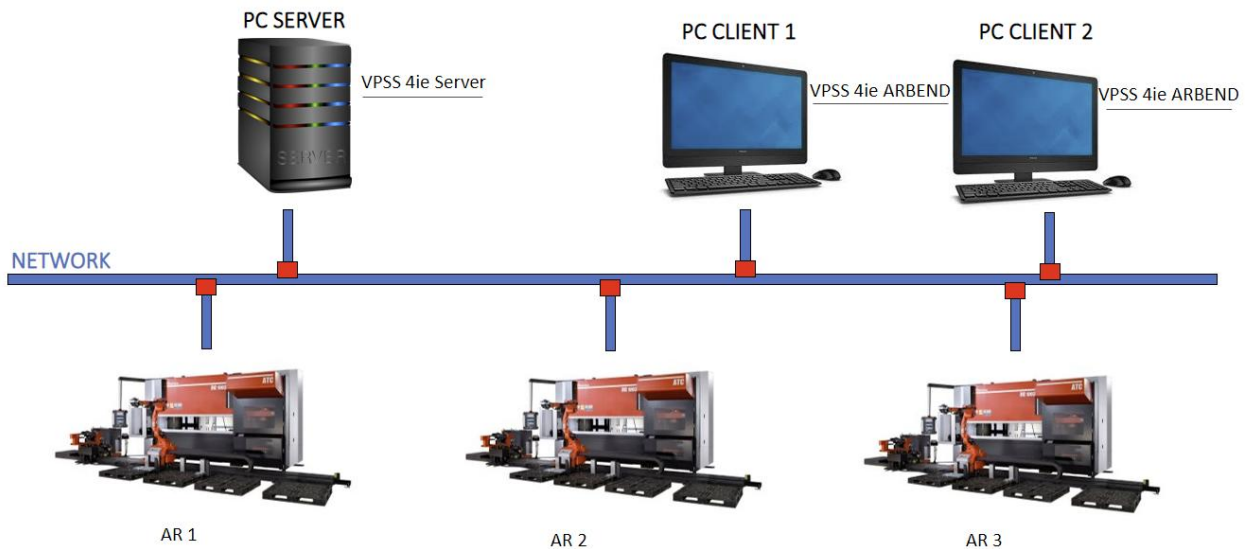
- VPSS 4ie Floating License are supported on Windows 10, Windows 11, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 and Windows Server 2022. (not managed for VPSS 3i ARBEND).

3. Network Configuration

- Installation without a dedicated server**



- Installation with a dedicated server**





SheetWorks



1. Introduction

This document shows the hardware and software requirements for SheetWorks installation on a Client PC.

For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements

- CPU: Intel® core i7 (equivalent or higher)
- RAM: 16 GB or higher
- Video card:

<https://www.solidworks.com/support/hardware-certification/>

2.2 Software Requirements

Supported Operating System:

OS x64	Windows 10 22H2 Professional	Windows 11 23H2 Professional
SheetWorks¹ V. 27 SP0	X	X

1: If present, requires Ms Office 2016/2019/2021 X64

1: DO NOT install applications that are not compatible with the Office 64bit native version.

1: VPSS 3i Suite must be v2.07.01 or higher.

2.3 Note

Amada applications do not work in Terminal Server mode.



VPSS 4ie Tube Solution Pack

1. Introduction

This document shows the hardware and software requirements for Tube Solution Pack installation on a Client PC.

For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements

- CPU: Intel® core i7 (equivalent or higher)
- RAM: 16 GB or higher
- Video card:
 - Resolution 1920x1080
 - 4 GB of dedicated memory

2.2 Software Requirements

Supported Operating System:

OS x64	Windows 10 22H2 <i>Professional</i>	Windows 11 23H2 <i>Professional</i>
2D-CAD V. 3.03.xx	X	X
SheetWorks V. 27 SP0	X	X
VPSS 4ie Suite V. 3.03.xx	X	X

2.3 Note

- Amada applications do not work in Terminal Server mode.
- The Microsoft SQL Server must not be pre-installed on the machine where it will be installed.
- For some products, changing the Windows international settings will be necessary according to the English standard.
- VPSS 4ie Floating License are NOT supported.



VPSS 4ie Weld Solution Pack

1. Introduction

This document shows the hardware and software requirements for Weld Solution Pack installation on a Client PC.

For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements

- CPU: Intel® core i7 (equivalent or higher)
- RAM: 16 GB or higher
- Video card:
 - Resolution 1920x1080
 - 4 GB of dedicated memory

2.2 Software Requirements

Supported Operating System:

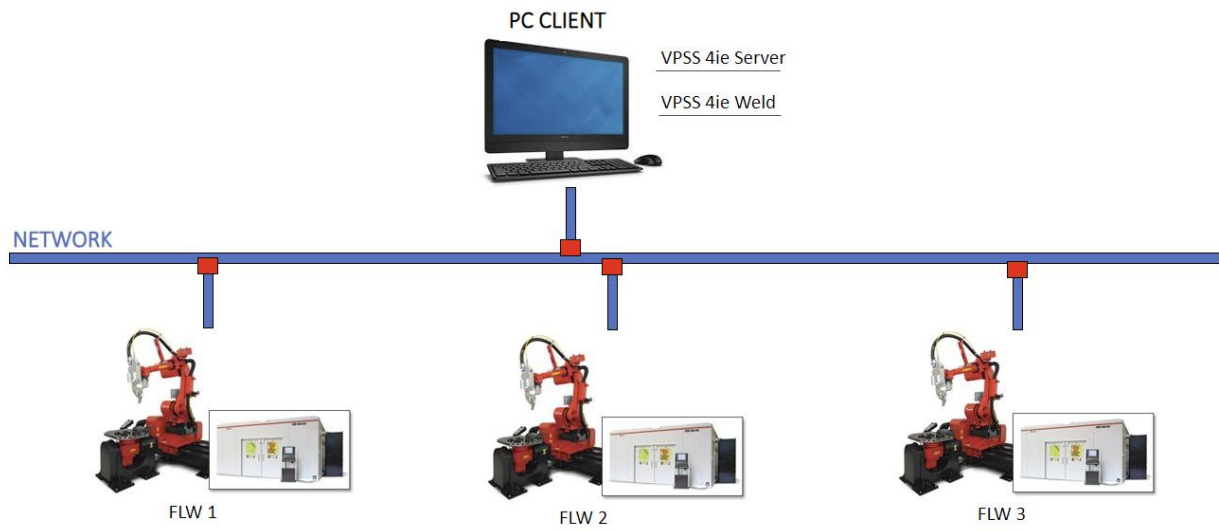
OS x64	Windows 10 22H2 <i>Professional</i>	Windows 11 23H2 <i>Professional</i>
2D-CAD V. 3.03.xx	X	X
VPSS 4ie Suite for Yaskawa V. 3.03.xx	X	X

2.3 Note

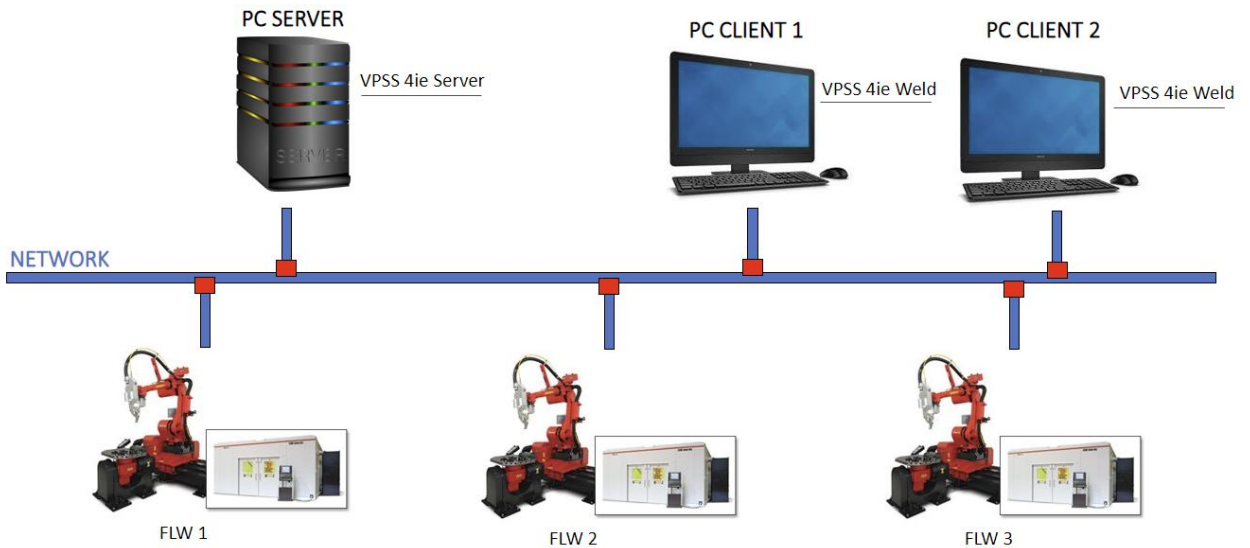
- Amada applications do not work in Terminal Server mode.
- The Microsoft SQL Server must not be pre-installed on the machine where it will be installed.
- For some products, changing the Windows international settings will be necessary according to the English standard.
- VPSS 4ie Floating License are NOT supported.

3. Network Configuration

- Installation without a dedicated server



- Installation with a dedicated server





RBR Cell Manager

1. Introduction

This document shows the hardware and software requirements for RBR Cell Manager installation on a Client PC.

For specific information for each application, refer to the installation manual.

2. Requirements

2.1 Minimum Hardware Requirements

- CPU: Intel® core i7 (equivalent or higher)
- RAM: 16 GB or higher
- Video card:
 - Resolution 1920x1080
 - 4 GB of dedicated memory
- 2 Network cards based on customer configuration
- 2 free USB Port

2.2 Software Requirements

Supported Operating System:

OS x64	Windows 10 22H2 Professional	Windows 11 23H2 Professional
Cell Manager¹ V2.2.43.0	X	X

1: RBR: Requires only the connection with vSDD.

2.3 Note

- Amada applications do not work in Terminal Server mode.

3. Network configurations

