

VPSS 3i Data Explorer
Users Guide
Ver. 2.03

Introduction

Thank you very much for your purchase of Data Explorer.
This manual explains the functions and operations of Data Explorer.
Please read this manual before or while using Data Explorer.

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About this manual

This manual is described how to use Data Explorer.

Structure of this manual

This manual is structured in two chapters, as explained below.

- ☐ Chapter 1: Main home tab
This chapter explains the basically operations on home tab.
- ☐ Chapter 2: Common menu
This chapter explains the basically operations about ribbon menu and '3i menu'.

CONTENTS

Chapter 1: Main home tab

Section 1: Screen layout of Data Explorer	1-1
Section 2: Server connection function	1-5
Section 3: Data Management function	1-7
Section 4: Folder function.....	1-23

Chapter 2: Common menu

Section 1: Over view common menu	2-1
Section 2: Application menu	2-3
Section 3: Option settings	2-9

Introduction to Data Explorer

Data Explorer provides the function to manage data.
The main functions provided by Data Explorer are described below.

- **Data management**
You can classify and organize data items using folders, and browse the data items in the Data List area.
The details of the data items are shown in the Data Details area.
- **Copy/move/delete data**
You can copy, move, or delete data.
- **Import/export data**
Data can be imported or exported.
You can select any location for the import/export destination.
- **Search data**
You can specify a condition for searching data.
A search result is compiled after a search folder is created for each search condition.
- **Back up/restore data**
You can back up or restore data.
- **Data sharing between servers**
Data can be shared between servers by connecting to the vSDD server.
You can copy, move, delete, or search data in the connected vSDD server.

Chapter1

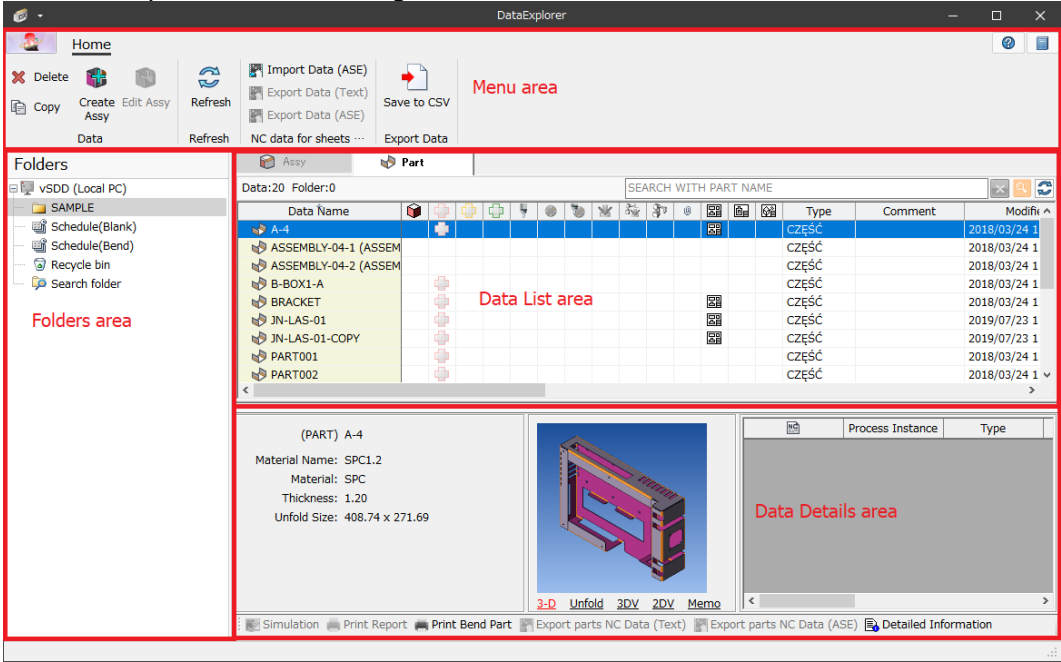
Main home tab

Screen layout of Data Explorer

This section explains the screen layout of Data Explorer.

Screen layout of Data Explorer




The Data Explorer screen is configured as shown below.



Item	Description
Menu area	The main functions of Data Explorer are shown in this area. See the menu for more information.
Folders area	Servers and folders are displayed in the tree. Use this area to connect to servers and manage folders. When a folder is selected, the data inside that folder appears in the Data List. See the folder for more information.
Data List area	The data inside the folder is displayed in the list. When a data item is selected in the Data List, detailed data appears in the Data Details area. See the Data List for more information.
Data Details area	Details area The details and images for the selected data are displayed. See the Data Details for more information.

Ribbon menu

The ribbon menu provides the functions shown below.

Item	Description
	Shows the Application Menu.
	Shows the Help topics.
	Shows the Users Guide.
Delete	Deletes the selected data. This button is disabled when the data cannot be deleted.
Copy	Copies the selected data. This button is disabled when the data cannot be copied.
Create Assy	Displays the product creation screen.
Edit Assy	Displays the product edit screen. Possible only for products (reference).
Refresh	Updates the Data Explorer's server status, folder configuration, and data with the latest information. This is the same as the Refresh button in the Data List area.
Import Data (ASE)	Enter NC data in *. form format as a sheet and input data in *. asep format as tube process.
Export Data (Text)	Data can be output in *.txt or *.ase or *.asep format only when sheet or tube process is selected.
Export Data (ASE)	
Save to CSV	Data can be exported in CSV format.

Server connection function

This section explains about the server connection function.

Server connection function

This function allows you to manage folders in the following manner.
To connect to a server, right-click a server in the Folder area.

Item	Description
Server Information	Information of the server added is displayed. You can change the display name or perform a connection test.
Append Server	You can choose to join either the vSDD server or the AP100/PCL server by switching tabs. Enter the name of the server that you want to add, and then click the [Connection Test] button. A Connection Successful message appears if the connection with the AP100/PCL server is successful. Click [OK]. The server is added. To display hidden servers, select the [Connect to vSDD server of your own PC.] checkbox and click the [OK] button
Remove Server	Server Removes the appended server.

Data management function

This section explains the data management function.

Overview of Data Management function

These functions provide the data management capability as shown below.

The display area changes depending on the selection (i.e., data item, schedule data, or recycle bin).



✓ List of Functions

To handle a data item, right-click it and select an item from the shortcut menu or use a drag-and-drop operation.

The right-click shortcut menu varies depending on the type of data selected.

Item	Description	vSDD	SDD
Open with Production Designer	Open the selected data in ProductionDesigner. It is displayed when the data type is product/parts/parts (bend), and when ProductionDesigner is available.	✓	-
Copy	Copies the selected data to the folder of your choice. The data can also be copied by using a drag-and-drop operation while holding down the Ctrl key or by clicking the Copy button on the menu. The blank schedule cannot be copied. Bending schedule can be copied after resetting operation status to the "Ready" state.	✓	✓
Move	Moves the selected data to the folder of your choice. The data can also be moved by using a drag-and-drop operation while holding down the Shift key. Schedules cannot be moved.	✓	
Delete	Moves the selected data to the Recycle Bin. The data can also be deleted by clicking the Delete button on the menu. The sheets corresponding to blank schedules can be deleted at the same time.	✓	✓
Rename	The selected data can be renamed. The name cannot be the same with another data.	✓	✓
Edit comment	The comment field of the selected data can be edited.	✓	✓

Item	Description	vSDD	SDD
Prohibit Processing/ Permit Processing	Perform prohibition/allowance settings for processing using bending machines and blank processing machines for the selected data. The data type will be displayed during Parts / Parts (Bend) / BEND NC (3i) / BEND NC (V5).	✓	-
Attach file	A file in the Windows Explorer can be attached to the data by dragging the file to the data. The file attachment destination can be set in File Type under Option Settings. Files cannot be attached by right-clicking the mouse.	✓	-
Export/Import	Data can be exported by dragging the data from Data Explorer to Windows Explorer. Similarly, data can be imported by dragging the exported data from Windows Explorer to Data Explorer. Data can also be exported or imported using the Export or Import function on the Application menu. Data cannot be imported or exported by right-clicking the mouse.	✓	-

Item	Description	vSDD	SDD
Search Data	<p>You can search for data by clicking  and then entering a search condition.</p> <p>Examples of data search conditions are as follows:</p> <ul style="list-style-type: none"> • Data name • Comment • Material Name • Machine Name • Thickness • Unfold Size X • Unfold Size Y • Creation Date • Date Updated • Date Accessed <p>* A search based on an accessed date can be performed only for AP100/PCL server data.</p> <p>The search condition entered is displayed in the combo box. By changing the text being searched and pressing Enter, you can perform the search with the changed contents.</p> <p>* A "No target data" message appears if there is no match.</p> <p>Click the  button, to cancel the search.</p>	✓	✓




Item	Description	vSDD	SDD
Create Assy	Creates a new ASSY (Shared). You can create it by selecting the folder to save in and entering the product name. Comments and trading partner names are optional. Parts are not included in the created product.	✓	-
Edit Assy	Edits the ASSY (Shared). Adding parts inserts parts from the same server and sets the quantity. Also, set the quantity when adding. You can delete selected parts from the product. After saving, you can open with PD. The coordinates of the parts added with DX become the origin. In addition, for products edited to DX, product dimensions X, Y, and Z displayed in the list will become empty.	✓	-

✓ Data list

The Data List area has two tabs: [Assy] and [Part] tabs. Select the respective tab to switch the display.

➤ Assy data













The following appears when the [Assy] tab is selected.





Item	Description	vSDD	SDD
Data Name	Name of data.	✓	✓
 Sheetmetal Engineering Model	Sheet Metal Engineering Model item.	✓	-
 Welding Program	Indicates whether there is data for welding programs.	✓	-
 Attached files	File attachment. If a file extension of the file to be attached is not added in File Type under Option Settings, all file types are attached to this item. (You can also specify this item to attach a file.)	✓	-
Type	Type of data. The types of data are described below. The display of Data Details area varies depending on the type of data. The details are described in the "Data Details" section. ● ASSY	✓	✓
Assy format	This is the format used for saving the assy data. The available save formats are: ● Standard ● Reference	✓	-
Comment	Comment for the data. The comment can be edited. You can enter up to 255 characters.	✓	-
Customer Name	This is the customer name. The name can be set on PD.	✓	-
Creation Date	Date when the data was created. This is the date and time the data was first created or added.	✓	✓
Modified	Date when the data was modified. This is the date and time the data was last changed.	✓	✓

Item	Description	vSDD	SDD
Assy size X	This is the assy's X-axis size.	✓	-
Assy size Y	This is the assy's Y-axis size.	✓	-
Assy size Z	This is the assy's Z-axis size.	✓	-

➤ Part data

The following appears when the [Part] tab is selected.

Item	Description	vSDD	SDD
Data Name	Name of data.	✓	✓
 Number of referenced products	It is whether the data is referenced in the ASSY. The icon will change if it is referenced by more than one ASSY.	✓	-
 Sheetmetal Engineering Model	Sheet Metal Engineering Model item.	✓	-
Composite Unfold	Indicates whether there is data for composite unfold diagrams.	✓ (US/EU)	✓
Unfold	Indicates whether there is data for unfold diagrams.	✓ (US/EU)	✓
 Composite Unfold	This is an item for a composite unfold diagram.	✓	-
 Unfold	This is an item for an unfold diagram.	✓	-
 Laser Program	Indicates whether there is laser data for blanking programs.	✓	-
 Punching Program	Indicates whether there is punching data for blanking programs.	✓	-
 Combination Program	Indicates whether there is combination data for blanking programs.	✓	-
 Blank part(AP100)	Indicates whether there is data for blank processing machines (laser, punching, composite) created by AP100.	-	✓
 Blank part(Dr.ABE)	Indicates whether there is data for blank processing machines (laser, punching, composite) created by Dr. ABE_Blank.	-	✓
 Bending Program	Indicates whether there is data for bending programs.	✓	✓
 Robot bending program	Displays the existence of the program for robot bending machine.	✓	-
 Welding Program	Indicates whether there is data for welding programs.	✓	-

Item	Description	vSDD	SDD
 Attached files	File attachment. If a file extension of the file to be attached is not added in File Type under Option Settings, all file types are attached to this item. (You can also specify this item to attach a file.)	✓	-
 Orthographic	File attachment item for orthographic diagrams. To attach a file to this item, you need to add a file extension in File Type under Option Settings.	✓	-
 Drawing	File attachment item for unfold diagrams. To attach a file to this item, you need to add a file extension in File Type under Option Settings.	✓	-
 Assembly Drawing	File attachment item for assembly diagrams. To attach a file to this item, you need to add a file extension in File Type under Option Settings.	✓	-
Type	<p>Type of data. The types of data are described below. The display of Data Details area varies depending on the type of data. The details are described in the "Data Details" section.</p> <ul style="list-style-type: none"> ● ASSY ● PART ● MOL ● SDD ● NONSM ● SHEET ● SCHEDULE ● PLAN ● BEND NC(3i) and BEND NC(V5) ● Tube Process ● WeldTP ● UNKNOWN 	✓	-

Item	Description	vSDD	SDD
Uses	How the data is used. The data is used for: ● PRODUCT ● FIXTURE	✓	✓
Comment	Comment for the data. The comment can be edited. You can enter up to 255 characters.	✓	✓
Creation Date	Date when the data was created. This is the date and time the data was first created or added.	✓	✓
Modified	Date when the data was modified. This is the date and time the data was last changed.	✓	✓
Material Name	Material name in the data.	✓	✓
Material Type	Material type in the data.	✓	✓
Thickness	Thickness in the data.	✓	✓
Unfold Size X	Horizontal direction unfold size in the data.	✓	✓
Unfold Size Y	Vertical direction unfold size in the data.	✓	✓
Machine Name	Machine name.	✓	✓
Material Size X	Horizontal direction material size in the data.	✓	✓
Material Size Y	Vertical direction material size in the data.	✓	✓
Bend Lines	Number of bends in the data.	✓	-
Forming	Number of form types in the data.	✓	-
Burring	Number of burrings in the data.	✓	-
Fastener	Number of fasteners in the data.	✓	-
Welding	Displays whether there is welding of the data or not.	✓	-
Tube Type	It is the type of pipe.	✓	-
Tube Width	It is the horizontal width of pipe cross section.	✓	-
Tube Height	It is the vertical width of pipe cross section.	✓	-
Tube Value1	It is a value set by pipe type.	✓	-
Tube Value2	It is a value set by pipe type.	✓	-
Tube Length	It is the length of the pipe.	✓	-

✓ **Schedule data**

Schedule data is data that manages the process sequence of processing programs and processing status.

All schedule data items are managed in the Schedule folder.

➤ **Schedule(Blank) data**

All blank schedule data are stored in the Schedule(Blank) folder.

The blank schedule data cannot be copied or moved.

Item	Description	vSDD	SDD
Data Name	Name of data.	✓	✓
W/C name	Displays the work center name. Displays the registration name for the machine that sends schedules for processing instructions.	-	✓
Machine Name	Name of machine to be operated.	✓	✓
Status	Displays operation status. For detailed operation status, refer to operation status in [Schedule] -> [Schedule(Blank)] -> [Data Details Field].	✓	✓
Created	Schedule creation date. This is the date and time the data was first created or added.	✓	✓
Modified	Updated date of the schedule. This is the date and time the data was last changed.	-	✓
Due Time	First due date.	✓	✓
Start Time	Start time.	✓	✓
End Time	End time.	✓	✓
Comment	Comment for the schedule. The comment can be edited. You can enter up to 255 characters.	✓	-
Application	Name of the application that created the schedule.	-	✓

✓ **Schedule(Bend) data**

All bending schedule data are stored in the Schedule(Bend) folder.

Bending schedule data cannot be moved.

Item	Description	vSDD	SDD
ScheduleName	Name of data.	✓	✓
W/C name	Displays the work center name. Displays the registration name for the machine that sends schedules for processing instructions.	✓	✓
MachineName	Name of machine to be operated.	✓	✓
Status	Displays operation status. For detailed operation status, refer to operation status in [Schedule] -> [Schedule(Bend)] -> [Data Details Field].	✓	✓
Created	Schedule creation date. This is the date and time the data was first created or added.	✓	✓
Modified	Updated date of the schedule. This is the date and time the data was last changed.	✓	-
Due Time	First due date.	✓	✓
Start Time	Start time.	✓	✓
End Time	End time.	✓	✓
Comment	Comment for the schedule. The comment can be edited. You can enter up to 255 characters.	✓	-
Application	Name of the application that created the schedule.	-	✓

✓ Recycle Bin data

Recycle Bin data refers to the data deleted from the Data List.

Item	Description
Data name	Name of data.
Type	Type of data.
Original Folder	Folder where the deleted data was stored originally.
Deleted	Date when the data was deleted.
Creation Date	Date when the data was created. This is the date and time the data was first created or added.
Modified	Date when the data was modified. This is the date and time the data was last changed.
Comment	Comment for the data. The comment can be edited. You can enter up to 255 characters.

Data Details

✓ Overview of functions in Data Details

This area shows the data items shown below.

Item	Description
ASSY	In this area, you can see the ASSY information, 3D diagram, and 3D image (the size and orientation of the 3D image can be changed). The details are described in the "ASSY" section.
PART	In this area, you can see the detailed part information, 3D diagram, unfold diagram, and 2D/3D image (the size and orientation of the 2D/3D image can be changed). You can also print sheet reports and part forms, and export NC data. The details are described in the "Parts and SDD" section.
MOL	This shows the MOL's detailed information and unfold diagram. The details are described in the "MOL" section.
SDD	In this area, you can see the detailed part information, 3D diagram, unfold diagram, and 2D/3D image (the size and orientation of the 2D/3D image can be changed). You can also print sheet reports and part forms, and export NC data. The details are described in the "Parts and SDD" section.
NONSM	You can see the 3D and unfold diagrams. The details are described in the "NONSM" section.
SHEET	This shows the detailed information of sheets and sheet image. You can also print sheet reports and perform simulations. The details are described in the "SHEET" section.
SCHEDULE	You can view details on blank and bending schedules. You can verify the parts information, sheet information, and sheet image for blank schedules. Details are listed in [Schedule(Blank)]. You can verify 3-D diagrams and expansion plans for bending schedules. Details are listed in [Schedule(Bend)].
PLAN	This shows the planning information and sheet information in the plan. The details are described in the "PLAN" section.
BEND NC(3i) and BEND NC(V5)	This shows the detailed information, 3D diagram, and unfold diagram. The details are described in the "BEND NC(3i) and BEND NC (V5)" section.

Item	Description
TUBE PROCESS	Pipe processing details and pipe images can be viewed. Details are described in "TUBE PROCESS."
UNKNOWN	This data's type is unknown.

✓ **ASSY**


The ASSY data shows the data items shown below.

Item	Description
Process Instance	Name of the process instance assigned to the assy.
AssySetup Name	Name of the assy setup.
Process Name	Name of the assy process.
Machine Name	Name of the machine that processes the assy.
Program Name	Name of the program that processes the assy.
Total Time	Estimated processing time for the assy.

✓ Parts and SDD



SDD is data imported from the AP100/PCL server.

The following items are in the part's Data Details area.

Item	Description
	This icon appears if an NC program exists.
Process Instance	Name of the process instance assigned to the part.
Type	Process name for the processing data assigned to the part.
Machine Name	Machine name for the processing data assigned to the part.
Angle	The angle name for the processing data assigned to the part.
Program Name	Program name for the processing data assigned to the part.
Total Time	Estimated processing time for the processing data assigned to the part.

List of functions


The following functions are provided in the part's Data Details area.

Item	Description
Simulation	Performs a simulation using the selected Process Instance, Type, and Machine Name.
Print Report	Prints a report using the selected Process Instance, Type, and Machine Name.
Print Bend Part	Prints a part form for the bending machine using the selected part data.
Export parts NC Data (Text)	 Exports the parts NC data in text format when you select a data item with an icon.
Export parts NC Data (ASE)	 Exports the parts NC data in ASE format when you select a data item with an icon.

✓ **MOL**



MOL is short for Multi Outer Loop line.

The following items are in the MOL's Details area.

Item	Description
	This icon appears if an NC program exists.
Process Instance	Name of the process instance assigned to the part.
Type	Process name for the processing data assigned to the part.
Machine Name	Machine name for the processing data assigned to the part.
Angle	The angle name for the processing data assigned to the part.
Program Name	Program name for the processing data assigned to the part.
Total Time	Estimated processing time for the processing data assigned to the part.

List of functions

The following functions are provided in the MOL's Details area.

Item	Description
Simulation	Performs a simulation using the selected Process Instance, Type, and Machine Name.
Print Report	Prints a report using the selected Process Instance, Type, and Machine Name.
Export parts NC Data (Text)	 Exports the parts NC data in text format when you select a data item with an icon.
Export parts NC Data (ASE)	 Exports the parts NC data in ASE format when you select a data item with an icon.

✓ **NONSM**

The NONSM data does not show any data item.

You can see the 3D and unfold diagrams.

✓ Sheet

The following items are in the sheet's Data Details area.

Item	Description
No.	Serial number of the part data laid out on the sheet.
Part Name	Name of the part data laid out on the sheet.
Number	Number of the part data laid out on the sheet.
Unfold size X	Horizontal direction unfold size of the part data laid out on the sheet.
Unfold size Y	Vertical direction unfold size of the part data laid out on the sheet.

✓ List of functions

The following functions are provided in the sheet's Data Details area.

Item	Description
Simulation	Simulation using the selected sheet data.
Print Report	Prints the sheet report for the selected sheet data.

✓ TUBE PROCESS

Pipe processing data was created using Dr.ABE Tube.

This is a program for laser machines with pipe-shaped parts nested.

The Data Details area under Pipe Processing includes the following.

Item	Description
No.	Serial number of the part data laid out on the pipe.
Part Name	Part name of the part data laid out on the pipe.
Number	Count information for the part data laid out on the pipe.
Tube Length	Pipe length for the part data laid out on the pipe.

✓ Schedule(Blank)

The Blank Schedule Data Details Field and Parts Field tabs contain the following items.

Data Details area

Item	Description
No.	Serial numbers of sheet data included in the schedule.
Sheet Name	Names of sheet data included in the schedule.
Quantity	Numbers of sheets to be processed in the schedule.
Due Time	When the sheets in the schedule are due.
Normal	Number of sheets in the schedule that were processed normally.
Error	Number of sheets in the schedule that were processed with errors.
Normal (Modify)	Uses this field to change the normal quantity.
Error (Modify)	Uses this field to change the error quantity.
Sheet Decrement	Displays the existence of sheet subtraction processing.
Process Start Time	Actual process start time of sheets in the schedule.
Process End Time	Actual process end time of sheets in the schedule.
Status	Processing status of sheets in the schedule. The processing status consists of: Not yet started Started Aborted Finished

Parts Information tab

Item	Description
No.	Serial numbers of parts laid onto the sheet that is included in the schedule.
Part Name	Names of parts laid onto the sheet that is included in the schedule.
Number	Number of parts laid onto the sheet that is included in the schedule.
Unfold size X	Unfold size X of parts laid onto the sheet that is included in the schedule.
Unfold size Y	Unfold size Y of parts laid onto the sheet that is included in the schedule.

List of functions

The Blank Schedule Data Details field contains the following features.

Item	Description
Print Report	You can select the form you want to print from the Schedule Instruction Sheet, Schedule Setup Info., Material Info., and Work Instruction Sheet, and then print it.
Sheet Decrement (All)	Carries out subtraction of the quantity of sheets registered in the sheet information, on all sheets in the schedule.
Sheet Decrement (Partial)	Carries out subtraction of the quantity of sheets registered in the sheet information, on the sheets specified in the schedule.

✓ **Schedule(Bend)**

The Bending Schedule Data Details field contains the following items.

(*There is no print feature for bending schedules)

Data Details area

Item	Description
No.	Serial numbers for parts data included in the schedule.
Data Name	Names of each parts data included in the schedule.
Number	Processing quantity of each parts data included in the schedule.
Due Time	Delivery date of each parts data included in the schedule.
Normal	Actual produced normal processing quantity for each parts data included in the schedule.
Error	Actual produced error processing quantity for each parts data included in the schedule.
Process Start Time	Actual processing start time of each parts data included in the schedule.
Process End Time	Actual processing end time of each parts data included in the schedule.
Status	Processing status of each parts data included in the schedule. There are following state in Operation Status. Ready Processing Finish

✓ **Plan**

The following items are in the Plan and Sheets List tabs under PLAN.

Plan tab

Item	Description
Part Name	Part name of the part data assigned in the production plan.
Comment	Comment for the part data assigned in the production plan.
Count	Count information for the part data assigned in the production plan.
Material Name	Material name for the part data assigned in the production plan.
Unfold Size X	Unfold size in horizontal direction for the part data assigned in the production plan.
Unfold Size Y	Unfold size in vertical direction for the part data assigned in the production plan.

Sheets List tab

Item	Description
Sheet Name	Sheet name of the sheet data shaped using parts assigned in the production plan.
Quantity	Count information for the sheet data shaped using parts assigned in the production plan.
Material Name	Material name for the sheet data shaped using parts assigned in the production plan.
Material Size	Material size for the sheet data shaped using parts assigned in the production plan.
Total Time	Estimated processing time for the sheet data shaped using parts assigned in the production plan.
Use Ratio	Use ratio for the sheet data shaped using parts assigned in the production plan.

✓ **BEND NC(3i) and BEND NC(V5)**

BEND NC(3i) is data created with AMNC 3i.

BEND NC(V5) is data created with AMNC V5.

You can check the shape created with Shape Input in the unfold diagram and 3D diagram areas.

✓ **WELD-TP**

WELD-TP is data created with AMNC-FLW.

It is data of teaching program of welding robot.

Estimation criteria information

✓ **Summary**

Displayed when the "Detailed Information" button on the Parts screen, etc., is clicked. On this screen, the data necessary for performing estimations for diagrams/bending/blanking is displayed. Welding data is not shown.

✓ **Diagrams**

To display all diagram data, it is necessary to save using PD V1.11 and later or ABE Planner.

✓ **Bending**

To display bend data, it is necessary to save the program and save using PD (BendCAM) V1.10 or later.

If multiple programs are saved for the part, the program to be displayed can be selected using "Select Program".

✓ **Blanking**

To display blank data, it is necessary to create a blank NC.

If multiple programs are saved for the part, the program to be displayed can be selected using "Program Select".

✓ **Output estimation criteria information**

Estimation criteria information can be exported as a CSV file. CSV format uses commas as delimiters with Unicode (UTF-16) for the character encoding. Data layout is based on SDD Viewer.

Manual output

Output is possible by clicking the "Output Estimation Criteria Information" button on the Estimation Criteria Information screen. If multiple programs for the parts, etc., data to be saved are saved as either bends or blanks (or both), the selection screen for the output program will be displayed.

Auto output

Can be used when enabled on the Settings screen. Settings can be altered to save files as CSV files for individual part units or as one file.

If saving as individual part units, they will be automatically output when saved using PD or ABE Planner using the file name entered under the specified folder. The output CSV file will only include the latest saved information.

If saving as one file, the latest data will be added to the specified CSV file.

Function of Folder

This section explains about the function of folder.

Folder function

Folders are used for classifying and organizing data, and the folders can be created, changed, or deleted at will.

This function allows you to manage folders in the following manner.

✓ List of functions

Folder operation is performed by right-clicking a folder.

Item	Description
Copy a Folder	Copy the selected folder. All the folders and data under the selected folder are copied. Cannot copy if there is a folder with the same name in the destination folder.
Move a Folder	Move the selected folder. All the folders and data under the selected folder are moved. Cannot move if there is a folder with the same name in the destination folder.
Create a New Folder	Creates a new folder. The folder can be created under a server or another folder.
Rename Folder	Renames the selected folder.
Delete Folder	Deletes the selected folder into the Recycle Bin.

✓ **Schedule folder**

➤ **Schedule(Blank)**

All blank schedule data are stored in the Schedule(Blank) folder.

The Schedule folder is a required folder that is created when Data Explorer is installed.

Other schedule folders can be created under the Schedule(Blank) folder. However, the name of the Schedule(Blank) folder itself cannot be deleted or changed.

➤ **Schedule(Bend)**

All bending schedule data are stored in the Schedule(Bend) folder.

A folder is created as "Work center name at time of creation (Work center number)" when a bending schedule is created.

The name of the Schedule(Bend) folder itself cannot be deleted or changed.

✓ Search Folder

The Search folder contains all data items searched.

The Search folder is a required folder created when the Data Explorer is installed.

List of functions

You can search for a data item by right-clicking the Search folder.

Item	Description
Create Search Folder	<p>Sets a new search condition for a data search. A search folder is created and the search result is stored in this folder. When searching, the following characters can be used as a wildcard:</p> <ul style="list-style-type: none"> *: Matches any number of characters If you enter "S*," a search will be performed for those starting with "S," such as "Sample" and "Sa." ?: Matches a single character If you enter "??," a search will be performed for those that have two characters, such as "A1" and "SA." <p>Examples of data search conditions are as follows:</p> <ul style="list-style-type: none"> ● Target folder (Required) ● Data Name ● Type ● Created ● Modified ● Comment ● Other Attributes
Research	Performs a search again using the search condition of the selected search folder.
Search Folder Setting	Changes the settings of the selected search folder. You can change the search folder's name, search location, and search conditions.
Remove Search Folder	Deletes the data in the search folder. (The "Search" folder cannot be deleted.) The deleted search folder is not moved to the Recycle Bin.

✓ Recycle Bin

The Recycle Bin contains all deleted data and folders.

The Recycle Bin is a required folder that is created when Data Explorer is installed.

List of functions

Operation of the Recycle Bin is performed by right-clicking the Recycle Bin icon or data in the Recycle Bin.

Item	Description
Restore	Restores the deleted data or folder to the original location.
Delete	Permanently deletes the deleted data or folder from Data Explorer. Once deleted from the Recycle Bin, the data or folder cannot be restored.
Empty Recycle Bin	Permanently deletes all deleted data or folders. Once deleted from the Recycle Bin, the data or folder cannot be restored.

Chapter2

Common menu

Over view common menu

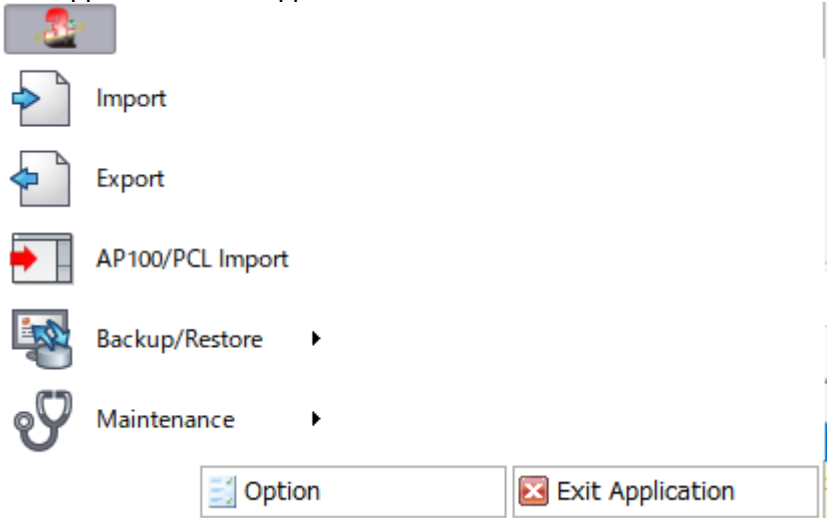
This section explains about the common menu.

Common Menu

The Application Menu provides the functions shown below.

Item	Description
Import	For details, refer to the Import section.
Export	For details, refer to the Export section.
AP100/PCL Import	For details, refer to the AP100/PCL Import section.
Backup/Restore	For details, refer to the Backup/Restore section.
Maintenance	For details, refer to the Maintenance section.
Option	This is the settings for Data Explorer. For details, refer to the Option Settings section.
Exit Application	Exits Data Explorer.

Operation

1	Click the [Application Menu] .
2	<p>The Application Menu appears.</p>  <p>The screenshot shows a vertical menu with the following items from top to bottom: a red fire icon, 'Import' with a blue right-pointing arrow icon, 'Export' with a blue left-pointing arrow icon, 'AP100/PCL Import' with a red right-pointing arrow icon, 'Backup/Restore' with a blue double-headed arrow icon and a right-pointing arrow, 'Maintenance' with a stethoscope icon and a right-pointing arrow, 'Option' with a blue document icon, and 'Exit Application' with a red square icon containing a white 'X'.</p>

Application menu

This section explains the application menu.

Import

Select a vSDD file (*.vsdd) and import the data to Data Explorer.
The data can be imported to any folder, and simultaneous importing of multiple data items is also supported.

Operation

1	In the [Application Menu], click [Import]. The [Import] dialog box appears.
2	Select a vSDD file (*.vsdd) that you want to import and then click [Open] to start the import operation. The Folder Selection Import Ahead screen appears.
3	Select the folder to which you want to import the data. Click the [OK] button. (If there is another file with the same name, you will be asked if you want to overwrite the existing file.) The data is imported.

[NOTE]

You can use the methods described below to select multiple files and import them all at once.

Control key + data selection: Use the Control key to select multiple data.

Shift key + data selection: Use the Shift key to select consecutive data.

Export

Data in Data Explorer can be exported as a vSDD file.
The data can be exported to any folder, and simultaneous exporting of multiple data items is also supported.

Operation

1	Select the data that you want to export.
2	In the [Application Menu], click [Export]. The screen to confirm the exporting of data appears.
3	Select the data that you want to export. Click the [Next] button. The Folder Selection Export Ahead screen appears.
4	Select the export destination folder and then click [OK]. The export operation starts.

[NOTE]

You can use the methods described below to select multiple files and export them all at once.

Control key + data selection: Use the Control key to select multiple data.

Shift key + data selection: Use the Shift key to select consecutive data.

AP100/PCL Import

You can import the AP100/PCL server data into the vSDD server.

All data items in the specified folder can be imported to the vSDD server in a single operation.

By specifying the server, you can import all data items in the AP100/PCL server in a single operation.

Operation

1	In the [Application Menu], click [AP100/PCL Import]. The Enter Server screen appears.
2	Enter the server name, and then click the [Connection Test] button. A Connection Successful message appears if the connection with the AP100/PCL server is successful. Click [OK]. The Folder Selection screen appears.
3	Select the folder that contains the data that you want to import, and then click [OK]. The optimization confirmation screen appears. Click [YES] or [NO].The AP100/PCL Import is executed. *Case : Click [YES] To compare vSDD server's data and AP100/PCL's data, data that is not in vSDD server is imported.

Backup/Restore

Backup

The data in Data Explorer is backed up to a file.

For SQL Server database, backup files are exported in *.vsddsqlzip format, and for MDB database in *.vsddzip format.

The folder configuration and data placement at the time of the backup operation are all saved. Use the Restore function to restore the data.

Operation

1	In the [Application Menu], click [Backup]. The Backup screen appears.
2	Set the save destination for the backup file and click the [OK] button. The backup process is executed.

Restore

Select a backup file and restore the data in Data Explorer.

The folder configuration and data placement at the time of the restore operation are all discarded. They are replaced with the configuration in the backup file.

The data (.vsddsqlzip) that was backed up in Data Explorer with SQL Server database cannot be restored in Data Explorer with MDB database. You can check whether the database is SQL Server or MDB in the version description found in the application menu of Data Explorer.

Operation

1	In the [Application Menu], click [Restore]. The [Load] dialog box appears.
2	Specify the backup file to import, and then click the [OK] button. The restore operation confirmation screen will appear.
3	Click the [Yes] button to start the restore operation.

Maintenance

Output log

Logs of operations and processes in the computer can be output.

Operation

1	In the [Application Menu], select [Maintenance] - [Output Log File]. The Save Log screen appears.
2	Enter the save destination of the log file and how long the output log should be saved, and then click the [Save] button. Output Log File is executed.

Force Unlock

If a parameter is locked from another terminal, this function forces an unlock, allowing the parameter to be imported or restored.

Operation

1	In the [Application Menu], select [Maintenance] - [Force Unlock]. The Force Unlock screen appears.
2	Select the server that has the locked file, and then click the [Refresh] button. The locked files appear in the Locked Files list.
3	Select the file that you want to unlock, and then click the [Force Unlock] button. The Force Unlock operation is executed on the selected file.

Option settings

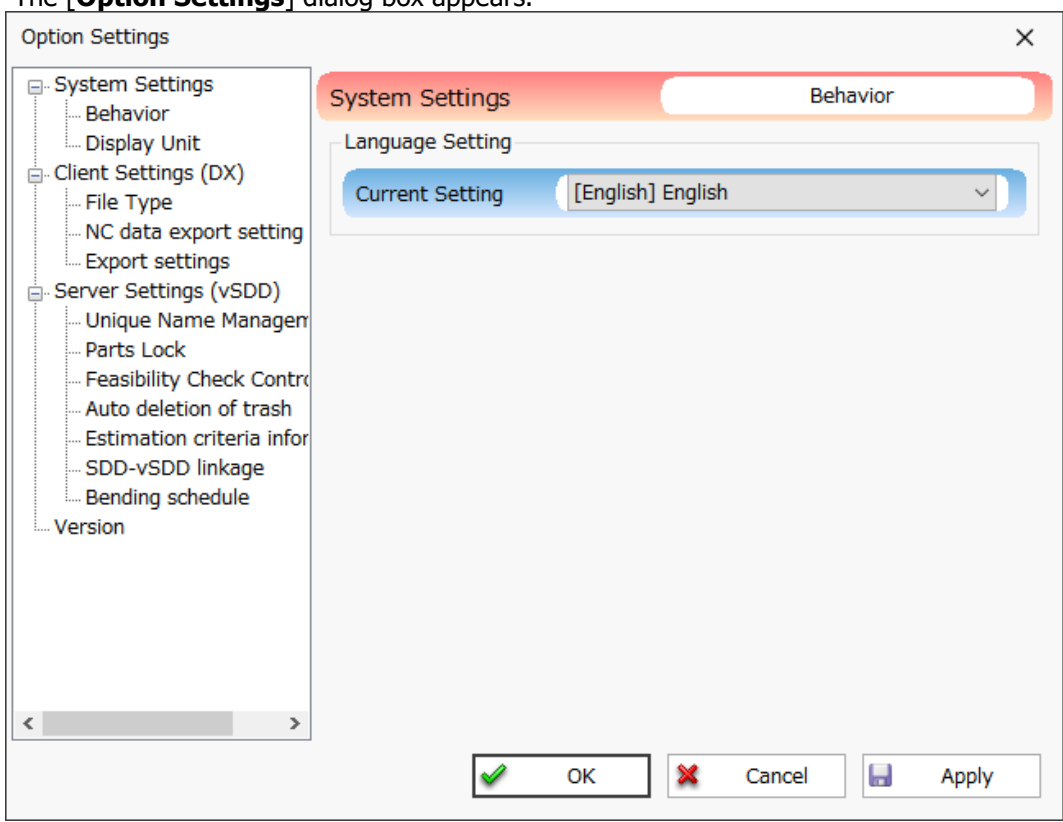
This section explains about the option settings.

Over view the Option settings

The Data Explorer functions described below are available in Option Settings.

- System Settings
- Client Settings (DX)
- Server Settings (vSDD)
- Version

Operation

1	Open the [Application Menu] and click the [Option] button at the lower right.
2	<div>The [Option Settings] dialog box appears. </div>

System Settings

System Settings have the following functions.

Item	Description
Behavior	Sets the display language. For more information, refer to "Behavior".
Display Unit	Sets the display unit. For more information, refer to "Display Unit".

Behavior

You can set the display language of Data Explorer.

Select one of the languages listed below.

- English
- Japanese
- Simplified Chinese
- Traditional Chinese
- Italian
- French
- Spanish
- German
- Korean
- Polish
- Portuguese
- Russian
- Hungarian

Operation

1	In the [Option Settings] dialog box, click [System Settings] - [Behavior].
2	Select a language from the drop-down list box and then click [Apply] to apply the change. Click the [OK] button to end the settings in Options.

Display Unit

In Display Unit, set the unit of length (mm or inch) and how decimal points should be displayed.

Item	Description
Display Unit	Select the display unit of length (metric unit (mm) or imperial unit (inch)).
Length Significant Digit	Select the number of digits to display after the decimal point for length.
Angle Significant Digit	Select the number of digits to display after the decimal point for angle.
Display Significant Digit	Select whether or not to display trailing zeros after the decimal point.

Operation

1	In the [Option Settings] dialog box, click [System Settings] -[Display Unit].
2	After setting the display unit, click the [Apply] button, and then click the [OK] button to close the [Option Settings] dialog box.

Client Settings (DX)

File Type

The file extension can be associated with the file attachment destination.

The files with extensions not added here are all attached as "Attached files".

Operation

1	In the [Option Settings] dialog box, click [Client Settings (DX)] - [File Type].
2	Click [Add].
3	On the [Add Extension] screen, enter a file extension and then click [Add].
4	The file extension added in Step 3 is added to the [Extension] list.
5	In the [File Type] list, select the file extension that you want to add and the relevant file. For information on which file types can be added, refer to the Data Management Function - Data section.
6	Click the [OK] button.

NC data export setting

Use this setting to set the file extension of the exported NC data.

Operation

1	In the [Option Settings] dialog box, click [Client Settings (DX)] - [NC data export setting].
2	Enter a file extension in [Extension].
3	Click the [OK] button.

Export settings

When exporting vSDD files (*.vsdd), changes can be made so that the data type is not included in the file name.

Operation

1	In the [Option Settings] dialog box, click [Data Management] - [Export setting].
2	Select [File names do not include the file type] and click the [Apply] button to apply the settings. Click the [OK] button to close the Options settings.

Server Settings (vSDD)

Unique Name Management

To change the name management rule of products and parts in the local server, do the following operation.

Operation

1	In the [Option Settings] dialog box, click [Server Settings (vSDD)] - [Unique Name Management].
2	Select the [Keep the name of data in this computer unique] and [All products and parts should be unique] check boxes as necessary. For details on name management, refer to Name Management Details.

Name Management Details

If the [**Keep the name of data in this computer unique**] check box is not selected, name management of parts checks for duplication of data name in the folder (same as the duplication check of data name in the Windows folder).

If [**Keep the name of data in this computer unique**] check box is selected and [**All products and parts should be unique**] check box is not selected, duplicate data names are not allowed for the same data types described below in the server.

- ASSY
- PART
- PART(BEND)
- SDD
- SDD(BEND)
- MOL
- NONSM
- BEND NC(3i)
- BEND NC(V5)
- Sheet
- Tube Process
- Plan


If the [**All products and parts should be unique**] check box is selected, duplicate data names are not allowed for the same data types described above and between the different data types described below in the server,.

- ASSY
- PART
- PART(BEND)
- MOL
- NONSM

Name Duplication

If there is no duplication of the set name, the setting changes after clicking [OK].

If there are duplicate data names, the following Duplicate List Information screen appears and shows the duplicate data names.



Since the names and types of the following data are same, data management settings cannot be changed.
While this screen is open, data cannot be saved.

Data Name	Folder Path	Product Name	Type	Modified
A-4	SAMPLE		PART	2018/03/24 12:53:13
A-4	SAMPLE-COPY		PART	2018/03/24 12:53:13
ASSEMBLY-04	SAMPLE		ASSY	2019/07/17 16:17:36
ASSEMBLY-04	SAMPLE-COPY		ASSY	2019/07/17 16:17:36
ASSEMBLY-04-1	SAMPLE	ASSEMBLY-04	PART	2018/03/24 12:53:37
ASSEMBLY-04-1	SAMPLE-COPY	ASSEMBLY-04	PART	2018/03/24 12:53:37
ASSEMBLY-04-2	SAMPLE	ASSEMBLY-04	PART	2018/03/24 12:53:37
ASSEMBLY-04-2	SAMPLE-COPY	ASSEMBLY-04	PART	2018/03/24 12:53:37
B-BOX1-A	SAMPLE		PART	2018/03/24 12:53:58
B-BOX1-A	SAMPLE-COPY		PART	2018/03/24 12:53:58
BRACKET	SAMPLE		PART	2018/03/24 12:54:17
BRACKET	SAMPLE-COPY		PART	2018/03/24 12:54:17
JN-LAS-01	SAMPLE		PART	2019/07/23 17:04:05
JN-LAS-01	SAMPLE-COPY		PART	2019/07/23 17:04:05

Delete Selected Data


Automatic conversion

Save to CSV

OK

To automatically convert the duplicate data names, click [Automatic conversion] and the following screen is displayed. If you select the [Save results to CSV] check box and then click [Yes], the result is saved as a .csv file and the data names are converted. If you click [Yes] without selecting this check box, only the data name conversion is executed.

Confirmation



The data name is converted with consecutive numbers as follows.

Part1 → Part1 (The first data name is not changed.)

Part1 → Part1-1 (Consecutive numbers are added from the second data.)

Part1 → Part1-2

Are you sure you want to convert the data name automatically?

☒ Save results to CSV

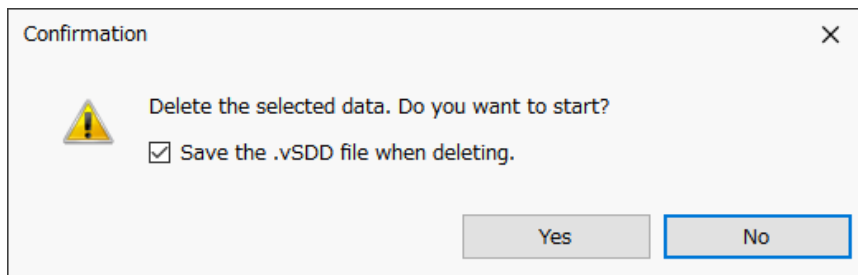
Yes

No

To manually convert the duplicate data names, click [**Save to CSV**] on the Duplicate List Information screen and output the information including duplicate data names to a .csv file. In this situation, name management is not changed.

Refer to the .csv file, change all duplicate data names in Data Explorer, and set the data management settings again.

To delete the data that has the same name as another data, click the [**Delete Selected Data**] button. The screen below appears.



Click [**Yes**] to delete the selected data. If the [**Save the vSDD file when deleting data**] check box is selected, a folder selection screen appears. The vSDD file will be saved in the selected folder.

If you click [**OK**] on the Duplicate List Information screen, the name management setting will not be executed.

Parts Lock

Set so as to lock the data of products/parts in the local server.

To enable locking, you need to update the version of AMNC connected to the server to the corresponding version.

When you change the lock from enable to disable, the application that performs the locking is not notified. When disabling locking, change the settings after confirming that the data is not locked.

Operation

1	In the [Option Settings] dialog box, click [Server Settings (vSDD)] - [Parts Lock].
2	Select [Lock parts/products/sheets when they are opened] and click the [Apply] button to apply the settings. Click the [OK] button to close the Options settings.

Feasibility Check Control

Perform the following settings to switch the settings for whether processing using bending machines/blanking machines can be performed for parts data on a local server.

Operation

1	In the [Option Settings] dialog box, click [Server Settings (vSDD)] - [Feasibility Check Control].
2	Select [Set whether processing is possible for each program] and click the [Apply] button to apply the settings. Click the [OK] button to end the settings in Options. Refer to Feasibility Check Control Details for details on Feasibility Check Control.

Perform the following settings to prohibit other computers from being able to change settings on whether processing using bending machines/blanking machines can be performed.

Operation

1	In the [Option Settings] dialog box, click [Server Settings (vSDD)] - [Feasibility Check Control].
2	Select [Prohibit changing of feasibility check from other clients] and click the [Apply] button to apply the settings. Click the [OK] button to end the settings in Options.

When settings are made preventing the bending program from processing, the bending program will not be displayed by the bending machine and the diagram will be displayed.

Perform the following settings to prohibit the diagram from being displayed by the bending machine when settings are made prohibiting bending program from processing.

Operation

1	In the [Option Settings] dialog box, click [Server Settings (vSDD)] - [Feasibility Check Control].
2	Select [Do not display data only for diagrams] and click the [Apply] button to apply the settings. Click the [OK] button to end the settings in Options.

Feasibility Check Control Details

If [Set whether processing is possible for each program] is selected, settings can be made to prohibit bending machines/blanking machines from processing using the parts data on the vSDD. When processing on the vSDD is prevented, the program will no longer be displayed on AMNC.

Prohibit the program from processing

The following methods can be used to prohibit the program from processing.

1. Right-click on the part being saved and select [**Prohibit Processing**] - [**Parts and All Programs**].
2. Right-click on the part being saved and select [**Prohibit Processing**] - [**All Programs (Excluding Parts)**].
3. Click on the parts being saved, right-click on the program displayed in the data details field and select [**Prohibit Processing**].* BEND NC (3i) and BEND NC (V5) cannot be used.

The programs saved using 1 and 2 will all be prohibited from processing. In this case, the background color for the programs displayed in the data details field will change to gray and characters will have strikethrough lines through them.

Furthermore, the background color for the parts clicked through method 1 will change to gray and characters will have strikethrough lines through them.

The background color for the programs clicked through method 3 will also change to gray and characters will have strikethrough lines through them.

In the case of bending machines, programs for which processing is prohibited will not be displayed on the machine. Whether or not diagrams for programs for which processing is prohibited are displayed depends on the [**Do not display data only for diagrams**] setting.

Prohibit the diagram from being processed

The following methods can be used to prohibit processing using the bending machine for parts for which programs have not been saved.

1. Right-click on the part being saved and select [**Prohibit Processing**] - [**Only Parts**].
2. Right-click on the part being saved and select [**Prohibit Processing**] - [**Parts and All Programs**].

In the case of 2, because no programs are saved, the program cannot be prohibited from processing.

The background color of parts for which processing is prohibited will change to gray and characters will have strikethrough lines through them.

Permit the program to process

Change settings using the same procedure for changing processing to being prohibited.

If processing is prohibited and the part is right-clicked on, [**Prohibit Processing**] will change to [**Permit Processing**]. Also, if the program for which processing was prohibited is right-clicked on, [**Prohibit Processing**] will change to [**Permit Processing**].

Auto deletion of trash

To automatically delete the data moved to the recycle bin in the local server, do the following operation.

Operation

1	In the [Option Settings] dialog box, click [Data Management] - [Data Management Setting].
2	Configure the necessary settings for [Activate automatic deletion of data from the Recycle bin] and [Number of days required for data to be deleted after transferring to the Recycle bin] and [Time to execute automatic deletion]. For details on the automatic deletion, see Details of Automatic deletion of Recycle Bin.
3	Click the [OK] button to close the settings for automatic deletion of the recycle bin.

Details of Automatic deletion of Recycle Bin

You can configure settings so to automatically delete the data moved to the Recycle Bin.

You can switch between Enable and Disable set in the [Activate automatic deletion of data from the Recycle bin] checkbox.

When the server is restarted, data for which the number of days have elapsed is deleted.

When [**Activate automatic deletion of data from the Recycle bin**] is enabled, it is registered as the task called [**Amada-VPSS3i-AutoRecycler**] in Windows Task Scheduler. Do not delete this task.

If [**Activate automatic deletion of data from the Recycle bin**] is disabled, the task is deleted.

Estimation criteria information

When saving vSDD data, the following operation can be used to automatically output CSV files.

Operation

1	In the [Option Settings] dialog box, click [Server Settings (vSDD)] - [Estimation Criteria Information].
2	Perform the necessary settings for [Save Estimation Criteria Information Automatically], [Output Method], and [Delete old estimation criteria information when saving]. For details on automatic saving of estimation criteria information, refer to automatic output details for estimation criteria information.
3	Click the [OK] button to end the automatic output setting for estimation criteria information.

Details on automatic output settings for estimation criteria information

Settings can be performed to enable automatic output of estimation criteria information.

Settings can be enabled or disabled using the check box for [**Save Estimation Criteria Information Automatically**].

If [**Save as individual part units**] is selected for the [**Output Method**], CSV files for individual part units will be saved in the [**Save Folder**] when parts data is saved to the vSDD. At this time, only 1 line of the latest information saved will be saved to the CSV file.

If [**Save as One File**] is selected for the [**Output Method**], a CSV file with the file name set in [**Save Name**] will be saved in the [**Save Folder**] when parts data is saved to the vSDD. At this time, the latest saved information will be added to the final line of the CSV file.

If [**Delete old estimation criteria information when saving**] is enabled, information for which the entered no. of days has been exceeded will be deleted.

How to output images when outputting Estimation criteria information

When [**Save 2D/3D Image Files**] is enabled, Unfold and solid PNG files are output together with the.csv file.

How to customize the Estimation criteria information's CSV files

The output content of Estimation criteria information's CSV files can be customized.
Set as follows.

Operation

1	Click [Server Settings (vSDD)]-[Estimation criteria information] in the [Option Settings] dialog box.
2	Click the [Output setting] button to open the setting screen.
3	Select the base item from [Selection of output type]. Select "AmadaFormat" as the default setting and "SAMPLE" as the basic item. Click [Copy]. To change the name, enter the name in [Name of output type]. If there is a setting already saved by the user, it can be edited.
4	To change the delimiter of each item in the CSV file, select [Separator].
5	If you want to output the name of each item on the first line of the CSV file, select [Output the title line].
6	When the output item is a character string, you can set whether to enclose the character string with a quote mark in the combo box of [Quotation mark of the string].
7	If you want to add an output item of the CSV file, select the item you want to output for [Fixed item], [Part info], [CAD information], [Blanking information], and [Bending information], and then click [Add >>].
8	If you want to delete the output item of the CSV file, select the item of [Output Items and Output Sequence], and click [<< Delete].
9	If you want to change the order of the output items in the CSV file, click [▲] and [▼] to change the order.
10	After changing the setting, click [Save].

Refer to the following for each item to be output to the CSV file.

C:\Program Files\AMADA3i\Tools\DataExplorer
Instruction of Estimation Criteria Information.pdf

SDD-vSDD linkage

Set the following to link the SDD and vSDD and enable the [Detect Setting Change], [Link Data Operations], and [Display Existence of vSDD Data with the Same Name in SDD List], and [Display Existence of vSDD Data with the Same Name in SDD List] settings.

Operation

1	In the [Option Settings] dialog box, click [Server Settings (vSDD)] > [SDD-vSDD linkage].
2	Click the [Setting] button and register the server to be linked. The setting details are the same as when an SDD server is added.
3	Perform the necessary settings for [Link data operations between SDD-vSDD] and [Indicate on the SDD list whether vSDD data exists] and [Indicate on the vSDD list whether SDD data exists]. See the Details of Data Operation Linkage(SDD-vSDD) and Details of Data Operation Linkage(vSDD-SDD) and the Details of Display Existence of vSDD Data with the Same Name in SDD List and Details of Display Existence of SDD Data with the Same Name in vSDD List on the specifics of each of these settings.
4	Click [OK] to finish the SDD-vSDD Linkage settings.

Details on data operation linkage(SDD-vSDD)

If you select a part on the SDD List Display screen and there is a part with the same name on the linked vSDD, then the [Copy], [Delete], or [Rename] command you selected on the SDD List Display screen can also be performed on that part with the same name on the linked vSDD.

The setting can be enabled or disabled by using the [**Link data operations between SDD-vSDD**] check box.

If there is a part on the vSDD with the same name as a part on the SDD, then a confirmation screen of whether to execute the same process on the vSDD's part will appear. The same process will be executed if you click [OK].

Details of Display Existence of vSDD Data with the Same Name in SDD List

If the linked SDD server is on the same PC, then whether vSDD data with the same name exists on the SDD List Display screen can be displayed.

This setting can be enabled or disabled by using the [**Indicate on the SDD list whether vSDD data exists**] checkbox.

Details on data operation linkage(vSDD-SDD)

If you select a part on the vSDD List Display screen and there is a part with the same name on the linked SDD, then the [Copy], [Delete], or [Rename] command you selected on the vSDD List Display screen can also be performed on that part with the same name on the linked SDD.

The setting can be enabled or disabled by using the [**Link data operations between SDD-vSDD**] check box.

If there is a part on the SDD with the same name as a part on the vSDD, then a confirmation screen of whether to execute the same process on the SDD's part will appear. The same process will be executed if you click [OK].

Details of Display Existence of SDD Data with the Same Name in vSDD List

If the linked vSDD server is on the same PC, then whether SDD data with the same name exists on the vSDD List Display screen can be displayed.

This setting can be enabled or disabled by using the [**Indicate on the vSDD list whether SDD data exists**] checkbox.

Bending schedule

To use the coordination function of SDD-vSDD Bending schedule of vLot function set the following.

Operation

1	In the [Option Settings] dialog box, click [Server Settings (vSDD)] > [Bending schedule].
2	Select [Perform simultaneous operation with the supplied AP100/PCL server] and click the [Apply] button to apply the settings. Click the [OK] button to close the Options settings.

Bending schedule details

When registering vLot's Bending schedule setting in both SDD and vSDD, Bending schedule of SDD and vSDD cooperate.

When cooperation is carried out, when either the results of SDD or vSDD goes up, actual results will be reflected in both SDD and vSDD.

Cooperation is possible only when SDD and vSDD are bundled.

Version

In Version, you can see the version, release date, and copyright information for the Data Explorer. The database type is displayed on the right-hand side of the version description.

- If the database is SQL Server, the output will be SQL Server.
- If the database is MDB, the output will be MDB.

Operation

1	In the [Option Settings] dialog box, click [Version].
2	After viewing the information, click the [OK] button to close the [Option Settings] dialog box.