THE VIEW-APPLICATIONS:

Introduction page 2
Screen configuration page 4
License key page 5
How to create a group page 5
How to delete a group page 7
How to start a group page 6
How to create an application page 6
How to delete an application page 11
How to change an application page 12
How to add an option into a view type of program page 12
The search function page 15
The area options page 16
Interfaces page 17
Tutorials page 18

INTRODUCTION:

These type of applications provides you an alternative way to handle your screen information.

The information is displayed into separate areas depending on the type of view. In total there are 7 different views you can use. Depending on the type of view you can go from 1 area up to 4 separate areas into one view.

On top of the screen you will have your menu bar, the menu bar contains all the applications (views or local applications) you have created into a certain group. A group is a collection of applications belonging to a common topic. To create a group you use command <u>CRTGROUP</u> (group *name*). Once you have created the group, you can start the group with command <u>STRGROUP</u> (group *name*). The first application into the menu bar of your group is always application "<u>Group settings</u>". This application is automatically created by command <u>CRTGROUP</u>. This application shall contain information about all other application(s) into the menu bar/group. Inhere you can add, change, delete or display information about the applications or the options within, depending on the type of view.

A dropdown menu containing all the options will be displayed when right click on a certain item, you select the options by left click into the dropdown menu.

Underneath every area into an application there will be a white bar. If the characters "<" and ">" are displayed you can display more information by left click on the white bar.

On top of the screen, depending on the type of view, you will have the text "CHANGE VIEW" displayed. Left click on the text the go from VIEW3 -> VIEW4 -> VIEW5 -> VIEW6 and back to VIEW3.

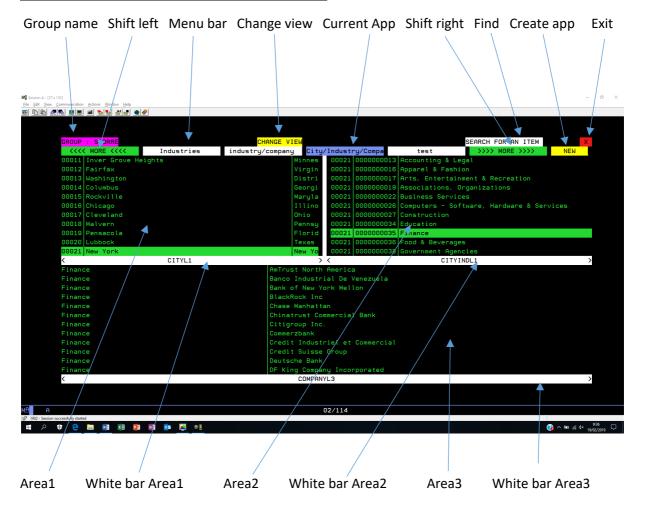
On top of the screen, depending on the type of view, you will have the text "AREA1", "AREA2", "AREA3" or "AREA4" displayed. This is the area you are currently working in. If you want to work into a different area, left click into concerned area until the text change into the area name you are interested in.

For every type of view there is a <u>search function</u> "SEARCH FOR AN ITEM" foreseen. You first select the area you want to work in and then you activate the search function by left click on the text "SERACH FOR AN ITEM". Enter the search string, select text field (NEXT) to search forwards or (PREVIOUS) to search backwards. To return to the view and exit the search function just double click on any item into an area.

If you want to <u>create a view application</u>, left click on the text "NEW". Inhere, depending on the type of view, you have to name the application, specify the type of view, specify the file(s) you want to use into the application and the source library for the program. After all the parameters have been validated, a source generator will create an RPGLE communication program used to handle the requested information. After the **CRTBNDRPG** command you will find your application at the end of the menu bar. For every area into the application there will be automatically foreseen an add-option, a display-option, a delete-option and an update-option. If you want to add a local application to the group, fill the name of your local application into parameter field "Your program:" and press ENTER. Take into account a small interface as described into chapter <u>interfaces</u>.

Watch our tutorial on YOUTUBE https://www.youtube.com/watch?v=2pPy4gJlo6l

Below an example of a view type-3 application:



The example above is showing you a view type-3 application. This application contains 3 areas, the data within the areas are connected. In this example we have city information displayed into area1, related industries into area2 and finance information into area3. By selecting an item into area1 (New York) we will have the related industries into area2. By selecting an item into area2 (Finance) we will have all financial institutes from New York into area3. To connect the 3 areas you have to make a small adjustment as indicated into the automatic generated RPGLE source.

SCREEN CONFIGURATION:

If you want to make use of these type of applications, you have to make sure your screen is configured under 27 X 132.

Go to Communication >> Configure... and select size 27 X 132

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File Edit View Communication Actions: Window Help	
Configure PC330 7 X	
Systemmare: 192-108.11.20 Poperties	
Vadataton D C Use Comparison Add credits to indexite privine or diplaw	
C Use Windows user name C Avoid duplicate names on this workstation	
^a Specify workstates D ^b Avoid depicate names with other workstations CONTRUE CONTRUE CO	
Incode System: \$65719DB	
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Type of emoletion	
© Display Size 27/12 - Printer Association ebruikers functies	
C Pinter Stello Iffice-functies	
Ilgemene systeemfuncties	
ا و standen, bibliotheken en folders gebruiken	
Programmeerfuncties	
Potrwate: 23 Communicatiefuncties	
OK Cancel Heb let systeem definieren of wijzigen	
roblemen verwerken	
9. Een menu afbeelden	
10. Opties voor AS/400 Information Assistant	
11. Functies voor Client Access/400	
90. Zich afmelden van het systeem	
Optie of opdracht:	
/	
F3=Afsluiten F4=Aanwijzingen F9=Terughalen F12=Annuleren	
F13=Information Assistant F23=Beginmenu instellen	
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LICENSE KEY:

Before you can start building applications you must ask for a license key. You do this via webshop <u>www.NewMidRangeSoftware.com</u>. Select *products/view_applications* and ask a license key for a *one month free trial*, a *one year license renewal* or *buy* the product.

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	7/04/16	License key	12:56:3	
	<u>Go to WWW.NewMidRanc</u>	geSoftware.Com and renew your	<u>OVERVIEW license key !</u>	
	*******	*************************	*******	
	* * KEY : *	0001	-01-01-00.00.00.000000 *	
	*******	*********	******	
	System name: S65	5719DB		
	Serial number: 65	5719DB		
	Processor feature : 229	96		
	Model number: 25	50		
	PF	RESS ENTER TO CONTINUE		
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Once you have received you license key, you can start creating your applications.

Watch our tutorial on YOUTUBE ...

https://www.youtube.com/watch?v=iv5qFuvh1Q4&feature=youtu.be

HOW TO CREATE A GROUP:

A group is a collection of applications belonging to a common topic.

Use command **CRTGROUP**, name the group and press ENTER. While executing this command the "<u>Group setting</u>" application is automatically created together with the necessary options to maintain the applications.

Example: CRTGROUP GROUP (MY_GROUP)

HOW TO START A GROUP:

If you want to start a group or work with an application within a group:

Use command **STRGROUP.** When you start a group, you will always end up into the "<u>Group setting</u>" application.

Go to the application you are interested in by clicking on <<< MORE <<< or >>> MORE >>> (if present) into the menu bar and select the application you want by a left click on the application name.

📲 Session A - [27 x 132]				- 0 ×
Elle Edit View Communication Actions Window Help				
GROUP : MY_GROUP	CHANGE VIEW	AREA1 SE	EARCH FOR AN ITEM	×
Group settings	CHINGE VIEW		LINGT FUN HN TIEM	NEW
Group settings				NEW
< FAM_MBRL1	> <	MEMBERSL	_1	>
<	MBR_OPTL1			>
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📹 🔎 <table-cell-rows> 🤮 📰 🗊 😰 💷 💶 📑</table-cell-rows>				A № // (4× 12:39) A № // (2/2019) A № // (2/2019)
				18/02/2019

Example: STRGROUP GROUP (MY_GROUP)

At first the application is empty, next you have to start creating applications.

HOW TO DELETE A GROUP:

If you want to delete a group together with all related applications:

Use command **DLTGROUP.**

Example: DLTGROUP GROUP (MY_GROUP)

HOW TO CREATE AN APPLICATION:

If you want to create an application click on the text NEW on top of the screen and start creating your application. The following is an example of the creation of a view type-4 program

(See picture 5).

STEP_1: Application header information.

Application name	Short name	View type program	Local program name	Availability
Session A - [27 x 132] <u>File Edit View Communication Actions Window Help</u>				- • ×
GROUP : MY_GROUP				X
Group settings Member name	: Application hezde	er text		
Member short name	: Application heade			
Viewtype of program	: <u>PGMEXAMPLE</u> OR	Your program : Gr	oup/User : <u>*ALL</u>	
F3=Exit	F12=Previous			
ME A 3 ⁽¹⁾ 1902 - Session successfully started		08/061		
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Member name: Long description about the application you are about to create.

Member short name: Short description about the application you are about to create. This text will be found in the menu bar on top of the screen.

Viewtype of program: If you want to create a view type of program you must specify here the name of the program you want to create.

Your program: Enter the name of a local program. (See chapter interfaces)

Availability: Enter the name of a group profile or user profile and the application will be available for concerned user(s). Enter the text *ALL and the application will be available for all users.

STEP_2: Program information.

Source physical file	Library	Type of view	
Session A - [27 x 132] File Edit View Communication Actions Window Help			- 0 X
GROUP : MY_GROUP			
Group settings Member name	: Application header text		X
Member short name	: Application header		
Viewtype of program		Group/User : *ALL	
Source physical file	: QRPGLESRC		
Source library	: <u>MY_LIBRARY</u>		
Type of view	: <u>VIEW4</u> (VIEW1 VIEW2	VIEW3 VIEW4 VIEW5 VIEW6 VIEW7)	
F3=Exit	F12=Previous		
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Source physical file: Is by default QRPGLESRC and cannot be changed.

Source library: Enter the name of the library containing the file QRPGLESRC.

Type of view: Enter the type-of-view program you want to create (VIEW1, VIEW2, VIEW3, VIEW4, VIEW5, VIEW6 or VIEW7)

STEP_3: File information.

Name of the file to be handled into area1 of the application

Name of the file to be handled into area2 of the application

Name of the file to be handled into area3 of the application

Session A - [27 x 132]		- 0 ×
Elle Edit View Communication Actions Window Helle		
GROUP : MY_GROUP		X
Group settings		~
a sup settings	\land	
Member name	: Application header text	
Member short name	: Application header	
Viewtype of program	PGMEXAMPLE Group/User : *ALL	
Source physical fil	e : QRPGLESRC	
Source library	: MY_LIBRARY	
Source (Ibrary		
Type of view	: VIEW4 (VXEW1 VIEW2 VIEW3 VIEW4 VIEW5 VIEW6 VIEW7)	
· gpc of · field		
File for AREA-1	: <u>FILEA</u> File for AREA-2 : <u>FILEB</u>	
Object library	: *LIBL / Object library : *LIBL	
File for AREA-3	: <u>FILEC</u>	
Object library	: *LIBL	
object tibling		
F3=Exit	F12=Previous	
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File for area1: Enter the name of the file you want to handle into area1.

File for area2: Enter the name of the file you want to handle into area2.

File for area3: Enter the name of the file you want to handle into area3.

Object library: Is by default *LIBL and cannot be changed.

Press ENTER. After pressing the ENTER-key, the application shall generate you and RPGLE program (*Viewtype of program*) into the library specified (*Source library*) based upon the file information (*File for area1, File for area2 and File for area3*).

<u>Remark</u>: All files must exist, cannot contain multiple members and must be keyed.

Do CRTBNDRPG and the application (*Member short name*) shall appear at the end of the menu bar.

Below an example view type-4 application:

GROUP : STORRE		CHANGE VIEW		SEARCH I	FOR AN ITEM X
<<<< MORE <<<<	Industries	industry/company City	/Industry/Compa	test >>>>	MORE >>>> NEW
00011 Inver Grove He	ights	Minnes		Accounting & Legal	
00012 Fairfax		Virgin		Apparel & Fashion	
00013 Washington		Distri		Arts, Entertainment & Re	
00014 Columbus		Georgi		Associations, Organizat:	ions
00015 Rockville		Maryla		Business Services	
00016 Chicago		Illino		Computers - Software, Ha	ardware & Services
00017 Cleveland		Ohio		Construction	
00018 Malvern		Pennsy	00021 000000034		
00019 Pensacola		Florid	00021 000000035		
00020 Lubbock		Texas	00021 000000036		
00021 New York		New Yo	00021 0000000038	Government Agencies	
00022 Torrance		Califo	<	CITYINDL1	>
00023 Atlantic City		New Je	Finance		AmTrust Nort
00024 Troy		Michig	Finance		Banco Indust
00025 Mesa		Arizon	Finance		Bank of New
00026 St. Louis		Missou	Finance		BlackRock In
00027 Alpharetta		Georgi	Finance		Chase Manhat
00028 Salisbury		Maryla	Finance		Chinatrust C
00029 Boston		Massac	Finance		Citigroup In
00030 Hauppauge 00031 Tallahassee		New Yo	Finance Finance		Commerzbank Credit Indus
00031 Tallanassee 00032 Commack		Florid New Yo	Finance		Credit Indus
00032 Commack 00033 Little Rock			Finance		Deutsche Ban
00033 Little Rock 00034 Sunbury		Arkans Ohio	Finance		
	CLTVI 1			COMPONIVI 2	DF King Comp
<	CITYL1	>	<	COMPANYL3	>

10

HOW TO DELETE AN APPLICATION:

If you want to delete an application, you must go to the *Group settings* application into your menu bar. You then select the application you want to delete by a click into area1. Then right click into area 2 and select option delete into the drop down box.

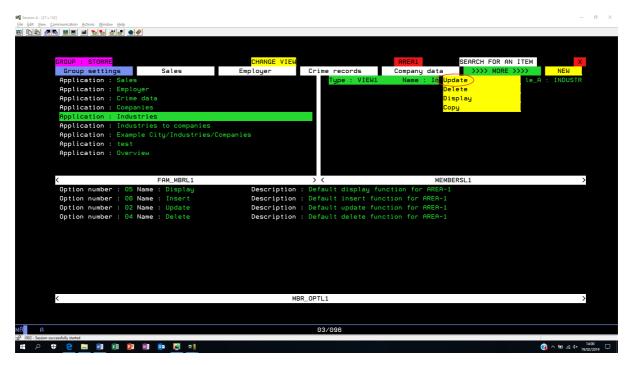
The delete function shall remove the application 'Industries' together with the area options.

Picture 6

8 Session A - [27 x 132]						-	o ×
File Edit View Communication Actions Window Help	•1						
o tht as en i the difference	/						
GROUP : STORRE		<mark>CHANGE VIEW</mark>		AREA1	SEARCH FOR AN ITEM	X	
Group settings	Sales	Employer	Crime records	Company data	>>>> MORE >>>>	NEW	
Application : Sales			Type : VIEW1	Name : In <mark>Upda</mark>		A : INDUSTR	
Application : Emplo				Dele			
Application : Crime	data			Disp	olay		
Application : Compa				Copy	d		
Application : Indus							
Application : Indus							
	le City/Industries/Co	ompanies					
Application : test							
Application : Overv	iew						
<	FAM_MBRL1		\rightarrow \langle	MEMBER	RSL1	>	
Option number : 05	Name : Display		: Default display fur				
Option number : 06	Name : Insert		: Default insert fund				
Option number : 02	Name : Update		: Default update fund				
Option number : 04	Name : Delete	Description	: Default delete fund	ction for AREA-1			
<		MB	R_OPTL1			>	
MA			03/096				
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HOW TO CHANGE AN APPLICATION:

If you want to change an application, you must go to the *Group settings* application into your menu bar. You then select the application you want to change by a click into area1. Then right click into area 2 and select option update into the drop down box.

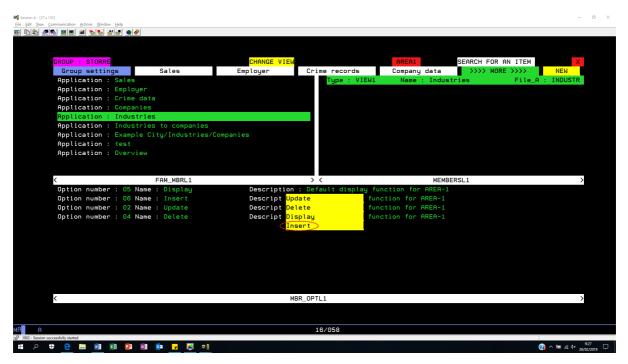


Next screen shall appear ...

Session A - [27]	×132] Communication Actions Window Help						- a ×
	Communication Actions Window Help	<i></i>					
	GROUP : STORRE						×
	Group settings	Sales	Employer	Crime records	Company data	>>>> MORE >>>>	
	Group name	: STORRE					
	Member name	: <u>Sales</u>					
	Member short name	: <u>Sales</u>					
	Viewtype of program	: <u>GETSALES</u>		Group/Us	ser : <u>*ALL</u>		
	Source physical file	: QRPGLESRC					
	Source library	: <u>DEMO</u>					
	Type of view	: <u>VIEW1</u>					
	File for AREA-1	: <u>SALESL1</u>					
	Object library	: *LIBL					
	F3=Exit	F12=Previous					
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HOW TO ADD AN OPTION INTO A VIEWTYPE OF PROGRAM:

If you want to add, delete, change or display an option from view applications, you must go to the *Group settings* application into your menu bar. You then select the application you want to change by a click into area1. Then right click into area3 and select option *Insert* into the drop down box.



Next screen shall appear ...

Group name	Application name	Short name	Option description	Option short desci	iption
Session A - [27 x 132] File Edit View Communication Actions 3					- 0 ×
© € ♪ ♪ GROUP : STO Group set	RRE	Employer C	rime records Company data	>>>> MORE >>>>	X
Group name Member name	: STURRE : Industries				
Member shor	▶				
Option name Option shor					
Option acti					
Option prog Option numb					
User profil					
F3=Exit	F12=Previous				
ME A 3 ^{r1} 802 - Session successfully started ₩			10/027	(2) ~	<i>@</i> 4× ^{9:31} □

Area name Program name Program option Availability

Group name: Name of the group to which the applications belong.

Member name: Long description from the application.

Member short name: Short description from the application. This text will be found in the menu bar on top of the screen.

Option name: Long description of the option you are about to create.

Option short name: Short description of the option you area about to create. This text will be found into the drop down box.

Option active in: Enter the name of the area (AREA1, AREA2 ...) where the option should appear. Depending on the view type of application.

Option program: This is the name of the program behind the option.

Option number: This is the alfa value to be passed to the program specified into field *Option program.* (See chapter interfaces)

Availability: Enter the name of a group profile or user profile and the application will be available for concerned user(s). Enter the text *ALL and the application will be available for all users.

The search function:

Every view application is automatically foreseen from a search function.

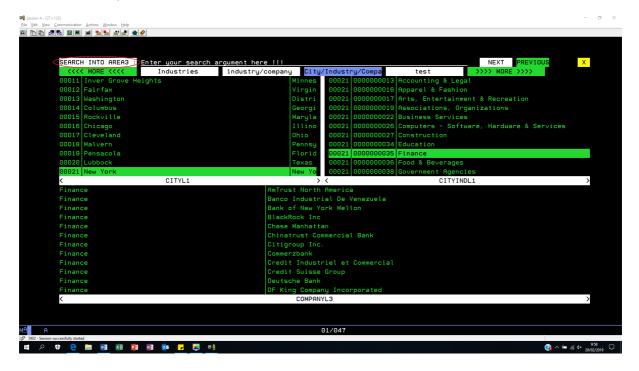
For multiple area applications you first mark the area you want to search in by clicking into the area itself until the text AREAX on top of the screen displays the area you are interested in.

Next click on the text SEARCH FOR AN ITEM and the application will take you into the search function. On top you put the find string and press NEXT to search forward or PREVIOUS to search backward.

Once you have found what you are looking for just double click on any item into an area and you will return to original application.

Picture 9

Below and example of a search into area3:



The area options:

Every application is automatically foreseen from 4 area options (Display, Insert, Update and Delete). Right click on an item and a drop down menu will be displayed containing the options. Select an option and the application shall display, add, change or delete the concerned record.

s	æ					
GROUP : STORRE		CHANGE VIEW		AREA3	SEARCH FOR AN ITEM	X
<<<< MORE <<<<	Industries		/Industry/Compa	test	>>>> MORE >>>>	NEW
00011 Inver Grove He	ights	Minnes	00021 0000000013	Accounting &	Legal	
00012 Fairfax		Virgin	00021 0000000016	Apparel & Fas	hion	
00013 Washington		Distri	00021 0000000017	Arts, Enterta	inment & Recreation	
00014 Columbus		Georgi	00021 0000000019	Associations,	Organizations	
00015 Rockville		Maryla	00021 000000022			
00016 Chicago		Illino	00021 000000026		rdware & Se	rvices
00017 Cleveland		Ohio		Con <mark>Display</mark>		
00018 Malvern		Pennsy	00021 000000034			
00019 Pensacola		Florid	00021 000000035			
00020 Lubbock		Texas	00021 000000036			
00021 New York		New Yo	00021 000000038			
<	CITYL1		<	CIT	YINDL1	>
Finance		AmTrust North				
Finance			ial De Venezuela			
Finance		Bank of New Y				
Finance		BlackRock Inc				
Finance		Chase Manhatt				
Finance		Chinatrust Co				
Finance		Citigroup Inc				
Finance		Commerzbank				
Finance Finance			riel et Commercial			
Finance		Credit Suisse Deutsche Bank				
Finance			ny Incorporated			
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A			07/088			

Below and example of a view-3 type of program with area options for area2:

Interfaces:

If you want to add a local program to the menu bar, you need to take into account only one parameter. This concerns a return parameter.

Description	Length	Туре	Value
Return parameter	2	Alfa	'03' -> Exit application
			'12' -> Previous point of entry

If you want to add an option into one of the view applications, you must take into account 3 parameters.

Description	Length	Туре	Value
Program option	2	Alfa	Value from Option number
Relative record number	9	Binary	Rrn from record
Return parameter	2	Alfa	'03' -> Exit application '12' -> Previous point of entry

TUTORIALS :

Introduction of the view applications on YOUTUBE https://www.youtube.com/watch?v=2pPy4gJIo6l

Download and installation of the view applications on YOUTUBE https://www.youtube.com/watch?v=iv5qFuvh1Q4&feature=youtu.be

How to create a view type 1 application on YOUTUBE https://www.youtube.com/watch?v=5xkVezakA-Y&feature=youtu.be

How to create a view type 2 application on YOUTUBE https://www.youtube.com/watch?v=lhtBxJrWb5l&feature=youtu.be

How to create a view type 3, 4, 5 and 6 application on YOUTUBE https://www.youtube.com/watch?v=AFj_5AxP2z8&feature=youtu.be

How to create a view type 7 application on YOUTUBE

https://www.youtube.com/watch?v=pl7o-28j0_o&feature=youtu.be

How to plugin your local applications on YOUTUBE

https://www.youtube.com/watch?v=F3JA4wI9GXQ&feature=youtu.be