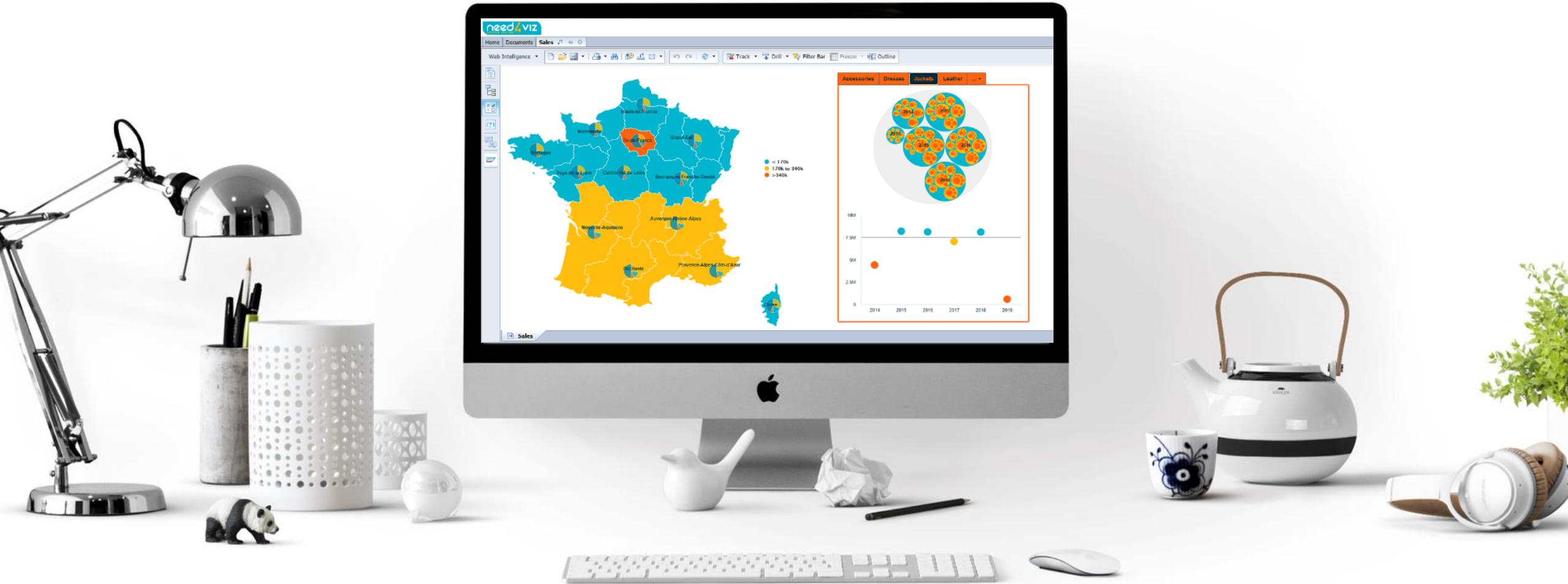




Major Release **2022.3.0**

What's new ?

Fast**&**4You



Find here some main **new features** of this release...  
The full release note is available [HERE](#)

A new drillable chart is available ! Display a **Word Cloud** on up to 5 drill levels.



The chart needs 1 to 5 dimensions for the drill levels and 1 measure (Size of the font)



As usual, various settings give ability to change the **shape**, **colors**, **inclinations** and so many other characteristics

A new **web Admin console** is now available to **manage N4V services**. Through this console, administrators will now be able to check the N4V components usable in Webi, read the **logs** of each N4V service, monitor (**stop/restart**) the **N4V services** and change dynamically the **settings** of the services.

need4viz N4V for Webi - Administration Console

Customer : N4V Valid key until 20291231

Administered server : localhost

Configuration Services Maps (8201) Gauges (8202) Bars (8203) Circulars (8204) Times (8205) Relations (8206) Trees (8207) Tiles (8208) Multi (8209) Tables (8210) RDF (8211) Gantt (8212) Navigation (8213)

### Times Visualization : N4V Service Up and Running !

Components Run logs Error logs

Component	Description	Row limit *
<b>Sparkline</b>	Visualize the evolution of an indicator as a small chart inserted on each value line of a dimension. 2 measures can be displayed. The charts can be histogram or curved. The time axis (from 2nd to optional 7th dimensions) can be defined with numeric values for Year, [Month], [Day], [Hours (24h)], [Minutes], [Seconds].	10000
<b>Timeline</b>	Visualize the evolution of 1 to 5 indicator(s) on a continuous time axis. Several zoom levels (or period restriction) are available. Modular cursor is also available for navigating the curve. Possibility to display the min and max reference levels of one indicator. The time axis must be continuous and can be defined with numeric values for Year, [Month], [Day], [Hours (24h)], [Minutes], [Seconds].	
<b>Bars Race</b>	Bars Race indicating progression of 1 measure on 1 dimension over time axis	

\* Row limit for each component is d

Visualize easily the key validation, the list of the N4V components available in Webi, the logs of each service

Monitor the N4V services (CPU/RAM usage). Stop or restart unitarily or globally the services.

### Instant view of N4V services \*

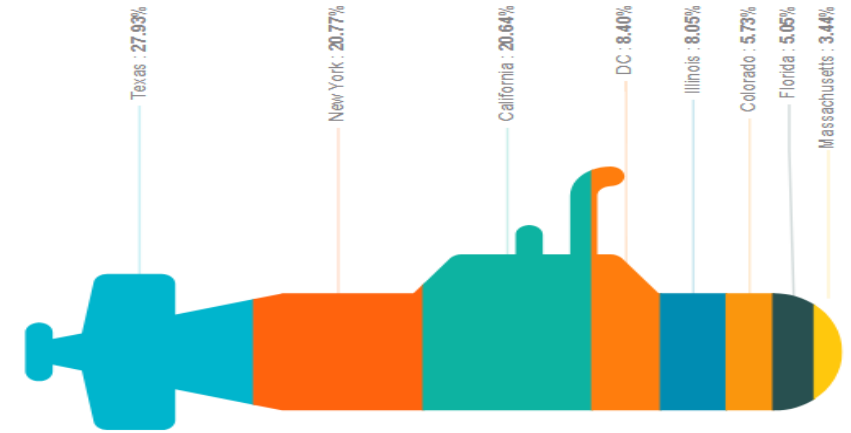
Service ID	Service Name	Status	Process ID	Started date	CPU usage	RAM Usage	Restart time	Action
0	pm2-logrotate	online	3968	Sun Dec 04 2022 14:10:18 GMT+0100 (GMT+01:00)	0%	57.11Mb	0	
1	pub_maps	online	3184	Fri Dec 09 2022 19:41:03 GMT+0100 (GMT+01:00)	0.3%	70.60Mb	4	Restart Stop
2	pub_gauges	online	11448	Fri Dec 09 2022 19:41:03 GMT+0100 (GMT+01:00)	0.3%	66.59Mb	4	Restart Stop
3	pub_bars	online	10412	Fri Dec 09 2022 19:41:04 GMT+0100 (GMT+01:00)	0.6%	66.88Mb	4	Restart Stop
4	pub_circular	online	13460	Fri Dec 09 2022 19:41:04 GMT+0100 (GMT+01:00)	0.3%	67.85Mb	4	Restart Stop
5	pub_times**	online	8140	Fri Dec 09 2022 19:41:04 GMT+0100 (GMT+01:00)	0%	60.15Mb	4	Restart Stop
6	pub_relations	online	10260	Fri Dec 09 2022 19:41:04 GMT+0100 (GMT+01:00)	0.3%	55.86Mb	4	Restart Stop
7	pub_trees	online	5576	Fri Dec 09 2022 19:41:05 GMT+0100 (GMT+01:00)	0.6%	73.02Mb	4	Restart Stop

# Many Enhancement On all components

As usual, many enhancement have been added to the components. New default look & feel for the N4V tables, homogenisation of all navigation components and all action buttons...

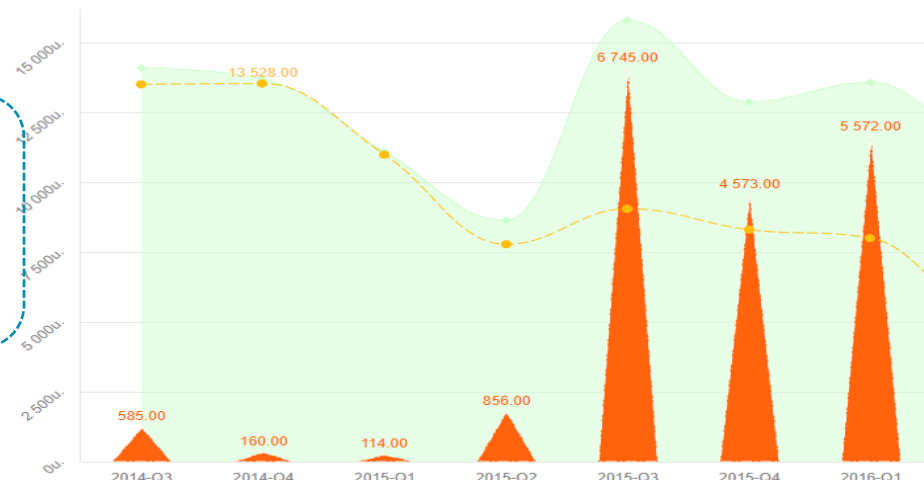
State	Year	Lines	Quantity sold	Sales revenue
California	2014	Accessories	4.432	\$703.210,20
California	2014	City Trousers	13	\$697,00
California	2014	Dresses	45	\$5.349,90
California	2014	Jackets	57	\$11.123,00
California	2014	Outerwear	262	\$29.924,10
California	2014	Shirt Waist	4	\$696,20
California	2014	Sweaters	468	\$87.863,40
California	2014	Sweat-T-Shirts	152	\$22.321,00
California	2014	Trousers	76	\$13.948,70
<b>Total</b>			<b>223.229</b>	

The default look & feel of the N4V tables has been reviewed and harmonized. New options are available (cross highlighting, frozen footer...)



The pictorial gauges can now use horizontal filling

Combination of charts is now possible in the Multi-Chart component



jj/mm/aaaa [OK]

- All values
- Alsace
- Aquitaine
- Auvergne
- Basse-Normandie
- Bourgogne
- Bretagne
- Centre
- Ienne

Homogenisation styling and hovering options on navigation components

# Roadmap 2022

Find here the N4V for Webi roadmap for **2022**.  
This forecast is likely to change depending on the needs and requests of our customers.

2022												
Month	01	02	03	04	05	06	07	08	09	10	11	12
Major N4V				2022.1.0				2022.2.0				2022.3.0
Minor N4V		2022.0.1				2022.1.1				2022.2.1		

*Private Cloud Edition on the way*

Some of future components we are working on...

N4V 2022.1.0

Heatmap



N4V 2022.3.0

2022

01

02

03

04

05

06

07

08

09

10

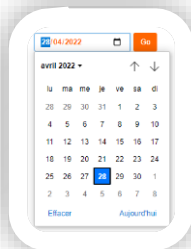
11

12

Bars race



Calendar picker



N4V 2022.2.0

WordCloud



Minor releases (every 2 months) : bug fixes, addition of new settings or features to existing components  
Major releases (every 4 months) : same as minor releases and addition of new component(s)

*S.A.C. integration on the way*

Find here the N4V for Webi roadmap for **2023**.  
This forecast is likely to change depending on the needs and requests of our customers.

2022												
Month	01	02	03	04	05	06	07	08	09	10	11	12
Major N4V				2022.1.0				2022.2.0				2022.3.0
Minor N4V		2022.0.1				2022.1.1				2022.2.1		

## Private Cloud Edition on the way

Some of future components we are working on...

N4V 2023.1.0

Dependency Wheel



N4V 2023.3.0

2023

01

02

03

04

05

06

07

08

09

10

11

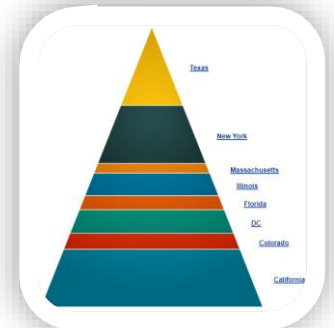
12

Flight Routes



N4V 2023.2.0

Drillable Pyramid




Minor releases (every 2 months) : bug fixes, addition of new settings or features to existing components  
Major releases (every 4 months) : same as minor releases and addition of new component(s)

N4V for SAP Analytics Cloud LIGHT



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