User Manual - Sylvac Widget - Android

1. User can add Sylvac widget to Particular workflow. Also, can set property like Decimal Places ...etc. Decimal Places (from 0-7, default 2)

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2. Android Devices (Mobile/Tablet) and Sylvac Devices (e.g., Sylvac Calliper) Bluetooth must be ON.



Note: If Bluetooth Symbol is blinking that means it is ready to connect and after connected with any device it will be stop blinking and be steady there.

2. Open the play store, write on the search bar "Sylvac Anywhere", and click on "Install".



- 3. After Installation open the Sylvac Anywhere
- 4. Allow the required permission to find the nearby devices. After granted the permission tap on bottom "Enter" button.



5. Tap on "OK" button of attention screen of the Sylvac Anywhere.



- 6. The first screen is a summary of the connected instruments. At the beginning, you have no instrument connected. From this page you can start a new scan to discover your instruments with the + button.
- 7. Users are now scanning to discover you instruments. Please make sure to reset your instruments before trying to connect them. If you click on an instrument, the application will start the connection.
- 8. Before the application starts the connection, it will ask you the connection mode if your instrument is IOT Ready. Follow the other step.



Note: if a message pop up telling you to pair the instrument with your device while connecting, you can cancel or ignore it. The application will do it by its side.

- 9. Once Your device added you can see it on home screen of the Sylvac anywhere.
- 10. After that user must to completely close the app. Don't keep it in background.
- 11. Now Open the DigitalClipBoard App
- **12.** Choose your application and open the workflow. Allow the required permission to find the nearby devices on **DigitalClipBoard App.**

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Numeric and D	lecimal Workflow	Submit						
T Textbox								
* Tap here to enter								
123 Numeric								
* Tap here to enter								
Decimal								
* Tap here to enter								
Sylvac with 1 de	ecimal place							
* Tap here to enter		Connect						
Sylvac with 2 d	lecimal places							
* Tap here to enter		Connect						
Sylvac with 3 de	ecimal places							
* Tap here to enter		Connect						
Sylvac with 4 de	ecimal places							
* Tap here to enter		Connect						
Sylvac with 5 de	ecimal places							
* Tap here to enter	* Tap here to enter Connect							
Sylvac with 6 de	ecimal places							
* Tap here to enter		Connect						
Sylvac with 7 de	ecimal places							
* Tap here to enter		Connect						
Text recognition								
* Tap here to enter	Allow Digital Clipboard to find, connect to and determine the relative position of nearby devices? Allow							
	Don't allow							

13. Connect Sylvac device with Sylvac widget

- a. If User has never used or connected to Sylvac device before with DigitalClipBoard App.
 - i. User can see the "Connect" button with Sylvac widget in red color.

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Numeric and Decimal Workflow	Submit
T Textbox	
 Tap here to enter 	
123 Numeric	
 Tap here to enter 	
Decimal	
 Tap here to enter 	
Sylvac with 1 decimal place	
 Tap here to enter 	Connect
Sylvac with 2 decimal places	
 Tap here to enter 	Connect
Sylvac with 3 decimal places	
* Tap here to enter	Connect
Sylvac with 4 decimal places	
 Tap here to enter 	Connect
Sylvac with 5 decimal places	
 Tap here to enter 	Connect
Sylvac with 6 decimal places	
 Tap here to enter 	Connect
Sylvac with 7 decimal places	
 Tap here to enter 	Connect
Text recognition	
* Tap here to enter	

Tap on "Connect" button it will redirect to another screen where it will scan the available BLE devices and listing all the devices with name and address. Select Sylvac device of your choice (Most probably its name starts with "SY" e.g., SY295)

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Noise Pulse_A30	3		
[TV] Samsung 5 S	Series (49)		
KD-43X8300D 945330101100			
Colorfit Pro 2			
SY295 ECF20EDR3FCA			
Unknown device			
	ш	0	<

iii. Device will be connected and attached to that widget. User can see the status along with device name to that Sylvac widget in green "Connected SY295"

15.00 Thu, 29 Dec 19 🔮 🖬 •	♥ ≒ll 72%∎
Numeric and Decimal Workflow	Submit
T Textbox	
* Tap here to enter	
123 Numeric	
* Tap here to enter	
🛺 Decimal	
* Tap here to enter	
Sylvac with 1 decimal place	
* Tap here to enter	Connected SY295
Sylvac with 2 decimal places	
* Tap here to enter	Connect
Sylvac with 3 decimal places	
* Tap here to enter	Connect
Sylvac with 4 decimal places	
* Tap here to enter	Connect
Sylvac with 5 decimal places	
* Tap here to enter	Connect
Sylvac with 6 decimal places	
* Tap here to enter	Connect
Sylvac with 7 decimal places	
* Tap here to enter	Connect
Text recognition	
* Tap here to enter	

b. If User has already connected or used Sylvac device before, App will be automatically connected to last connected device (If device is in range and paired and also device's Bluetooth is on)

Numeric and Decimal Workflow	Submit
T Textbox	
* Tap here to enter	
123 Numeric	
* Tap here to enter	
0.00 Decimal	
* Tap here to enter	
Sylvac with 1 decimal place	
* Tap here to enter	Connected SY295
Sylvac with 2 decimal places	
* Tap here to enter	Connect
Sylvac with 3 decimal places	
* Tap here to enter	Connect
Sylvac with 4 decimal places	
* Tap here to enter	Connect
Sylvac with 5 decimal places	
* Tap here to enter	Connect
Sylvac with 6 decimal places	
* Tap here to enter	Connect
Sylvac with 7 decimal places	
* Tap here to enter	Connect
Text recognition	
* Tap here to enter	

c. If user change the focus to another Sylvac widget and device is already connected then status of focused widget is getting changed from "Connect" to "Connected SY295". Device will be attached to that widget.

e.g., User open a workflow and first he/she will be connected and focused to the "Sylvac with 1 decimal places" (Refer the below left image). After that he/she will change the focus or select to "Sylvac with 2 decimal places" (Refer the below right image). User can see first "Sylvac with 1 decimal places" will be in connected status in green ("Connected SY295"). After changed focus to next widget "Sylvac with 2 decimal places", the first widget state become a "Connect" and focused widget which is "Sylvac with 2 decimal places" state will become a "Connected SY295".

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Numeric and Decimal Workflow	Submit	Submit
T Textbox	T Textbox	
* Tap here to enter	* Tap here to enter	
123 Numeric	123 Numeric	
* Tap here to enter	* Tap here to enter	
eq Decimal	Decimal	
* Tap here to enter	* Tap here to enter	
Sylvac with 1 decimal place	Sylvac with 1 decimal place	
* Tap here to enter	Connected * Tap here to enter	Connect
Svivac with 2 decimal places	Sylvac with 2 decimal places	
* Tap here to enter	* Tap here to enter	Connected SY295
Svivac with 3 decimal places	Sylvac with 3 decimal places	
* Tap here to enter	Connect * Tap here to enter	Connect
Sylvac with 4 decimal places	Sylvac with 4 decimal places	
* Tap here to enter	Connect * Tap here to enter	Connect
Sylvac with 5 decimal places	Sylvac with 5 decimal places	
* Tap here to enter	Connect * Tap here to enter	Connect
Sylvac with 6 decimal places	Sylvac with 6 decimal places	
* Tap here to enter	Connect * Tap here to enter	Connect
Sylvac with 7 decimal places	Sylvac with 7 decimal places	
* Tap here to enter	Connect * Tap here to enter	Connect
Text recognition	Text recognition	
* Tap here to enter	* Tap here to enter	8

14. Once Device is connected, user can take measurement and can push the Sylvac's device measurement via tapping Data button easily. Measurement/Reading sent by device will be display in focused widget with device attached.







15. Sylvac widget have properties like Minimum number, low limit, high limit, Maximum number, decimal places same as Decimal widget and also behave or act similar to Decimal widget. Sylvac widget is support 0 up 7 decimal places. After putting the measurement or read value to the Sylvac widget, Sylvac widget will display the result based on the properties like minimum number, higher limit, low limit, maximum number, decimal places. Please refer the below images and table to see how it behaves.

			15:36 Thu, 29 Dec ሳ 🕸 •	4 🕈 🖘 🕼 64% 🖷	15:39 Thu, 29 Dec 🛉 🦛 🖬	♥ ₹# 63% #
Sylvac			Numeric and Decimal Workflow	Submit	Numeric and Decimal Workflow	Submit
			T Textbox		T Textbox	
Minimum Number			* Tap here to enter		* Tap here to enter	
	5 6	0	123 Numeric		223 Numeric	
(Optional)	_		* Tap here to enter		* Tap here to enter	
			🛤 Decimal		tiai Decimal	
Lour Limit (Optional)	10 6	0	* Tap here to enter		* Tap here to enter	
LOW LIMIT (Optional)	10	9	Sylvac with 1 decimal place		Sylvac with 1 decimal place	
			© 12.3	 Connect 	• 12.3	 Connect
Nominal Value (Ontional)	ntre 6	0	Sylvac with 2 decimal places		Sylvac with 2 decimal places	
	<u>pry</u>	0	© 5.23	🕹 Connect	© 5.23	🔶 Connect
			Wumber must be greater than or equal to 5.0 and less than or equal to 20.0 Sylvac with 3 decimal places		Sylvac with 3 decimal places	
High Limit (Optional)	15 6	6	© 2.846	Connected	• 13.655	Connect
	<u></u>	-	Svlvac with 4 decimal places		Sylvac with 4 decimal places	
			* Tap here to enter	Connect	◎ 17.3000	↑ Connect
Maximum Number	20 4	0	Sylvac with 5 decimal places		Number must be greater than or equal to 5.0 and less than or equal to 20.0 Sylvac with 5 decimal places	
(Optional)	20		* Tap here to enter	Connect	28.23689	Connected 5V295
1-1			Sylvac with 6 decimal places		Sylvac with 6 decimal places	
			* Tap here to enter	Connect	7.730000	 Connect
Unit	<u>nm</u> 🤇	0	Sylvac with 7 decimal places		Sylvac with 7 decimal places	
			* Tap here to enter	Connect	12.5200000	Connect
		-	Text recognition		Text recognition	
Default Text (Optional) Em	<u>pty</u> (0	* Tap here to enter	8	* Tap here to enter	8
Desired Blesse	2.0	~				
Decimal Places	<u> </u>	0				

Num.	Action	Result	Exception
1	The user selects Sylvac widget and input value between high and low limits	The Application shall display green check mark ✓ in the front of the data value and play shot beep sound	 If low limit value does not exist, the input value below the high limit shall be considered as inside of the limits. If high limit value does not exist, the input value above low limit shall be considered as inside of the limits If high and low limit values do not exist, the input value shall be considered as inside of the limits
2	The user selects Sylvac widget and input value above high limit	The Application shall display red upward arrow T in the front of the data value and play buzzer sound	 If high limit value does not exist, the input value above low limit shall be considered as inside of the limits If high and low limit values do not exist, the input value shall be considered as inside of the limits
3	The user selects Sylvac widget and input value below low limit	The Application shall display red upward arrow in the front of the data value and play buzzer sound	 If low limit value does not exist, the input value below the high limit shall be considered as inside of the limits. If high and low limit values do not exist, the input value shall be considered as inside of the limits
4	The user selects Sylvac widget and input value above Maximum Number value	The Application shall display red ! in the front of the data value, play buzzer sound and message with above Maximum value error description and ask the user to reenter data	Maximum value is an optional parameter
5	The user selects Sylvac widget and input value below Minimal Number value	The Application shall display red ! in the front of the data value, play buzzer sound and message with below Minimal value error description and ask the user to reenter data	Minimal value is an optional parameter

16. User can disconnect Sylvac device by tapping on status "Connected SY295".



17. After disconnecting the device, User can connect to another device of same device by following the connetion step. (From step 13.)