

What's New in Velocity 2.0.0

Client Enhancements		
Feature	Description	Why it Matters
Easy Migration to Android	Session setups are now easier than ever, with more session configuration options. Detailed scripting now allows access to APIs that can help add any features that might not be available in standard setups.	Over 10 million users of Wavelink Windows based TE care. This makes it easier than ever to migrate over to Android, moving standard green screen apps in minutes, not hours. This paired with enhanced modernization will change TE as we know it today.
Rapid Modernization	Use scripting to control how elements on the native screen are displayed on the modern screen.	Partners and Customers who would like to enjoy the benefits of autoreformatted modern screens now can modernize an application in minutes, not hours or days.
Content injection	Insert an image on a modern screen. You can insert a file that is on the device or on a remote HTTP server. Start by adding a new element, then set the element type to Image.	Application screens, like WMS picking, can dynamically display a graphic image of the item being picked so the worker can see the actual item. This will help increase accuracy by avoiding picking the wrong items. This is very flexible and easy to use.
Custom CSS for modern screens	Provide a custom CSS for the modern screen to increase your control over the modern screen appearance.	CSS are Custom Style Sheets. They are a way to apply a common look and feel across a number of HTML web pages. Partners and Customers can apply CSS to create a look and feel consistency from one display to the next. Partners can use this to create their own look, and Customer apps could use this to brand their applications with logos, fonts, and colors.
Perform a screen capture from the Velocity Client	Create a host profile and deploy it to the Velocity Client in order to perform a screen capture from the Client.	Anyone who works in the console formerly needed to load TE on a device, gather screen data, and then import them into Velocity. Now all that functionality is built right into the console reducing the number of apps, cables, connections, etc to create and deploy an app. This makes the whole process easier, which is important.
Align text to left, right, and center alignments on modern screens	Use alignment buttons on the Screen > Elements tab to align text.	Screens are easier to control and format with this feature. More focus can be placed on making them more pleasing and easier to use. Anything we can do to make screens easier to use is important.
Console Enhancements		
Displaying the scripts associated with a template (on the Screens > Screen tab)	In the console, the administrator can look at a template and see all the scripts associated with that particular template.	This feature makes it much easier for an administrator to quickly see all the scripts that are associated with a particular template.
JavaScript syntax highlighting and line numbers in the script editor	As an administrator is creating a Javascript, the required syntax is highlighted insuring that Javascript is being properly written.	The ability to write Javascript is not required to format a Velocity app. However, someone who doesn't write Javascript can still write scripts using templates. This feature gives that person confidence they are properly formatting their commands.
Screen coordinates popup when you click on a native screen	When working in a captured native screen, the screen coordinates popup to show on the reformatted screen.	This features makes it easier when reformatting screens, to see exactly where the content is coming from in the native screen.
Display the number of screens that match the same template (a count appears above the modern screen on the Screens tab)	In the console, the administrator can look at a template and see a count of all the screens associated with a particular template.	Get useful information about the number of screens affected by template changes.
Support for two SSH known host keys	If you have two SSH servers with two different keys and you want the Client to be able to connect to either of them, or if you are changing the SSH host key on your server, you can provision the device with two keys and either will work.	Some customers move devices between sites. Each site may have a different SSH server for security. This feature allows customers to use two different SSH certificate keys allowing devices to be used at either of those sites without changes. Offering more than two creates a security hazard for a man in the middle attack.
New scripting APIs	Added APIs for getting the device's MAC address, switching keyboards, and customizing how the modern screen displays.	Device information can be collected with this API allowing an administrator to collect this data about the device and how it is being utilized in the work environment. Details of the APIs are in documentation.
Additional Notes		
Support custom escape sequences	Over time, application elements that were unsupported by the initial technology were implemented by the host sending an Escape Sequence to the mobile computer.	Escape sequences have been used over time to provide functionality that green screen terminals don't support, like printing. ESC sequences can exist in any legacy TE app.
Script to switch keyboards	You can now select a particular keyboard by selecting an icon on the display rather than swiping right or left on the display.	If you have a large number of keyboards, this API allows you to quickly jump exactly to the keyboard you need making navigation on the display quicker. This makes it easier work in apps with a lot of keyboards.
Community scripts added to script library	Commonly used scripts, created by our community, have been added in to the console script library for easy inclusion in projects.	Velocity scripts are incredibly powerful, and can be easily configured without JavaScript knowledge. Including commonly used scripts puts that power closer to customer finger tips.
Projects correctly sorted by date	The console will display existing projects by date.	Sorting cleans up the display and moves the most relevant projects to the top making it easy to quickly get to the right project.

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