



NODEARK

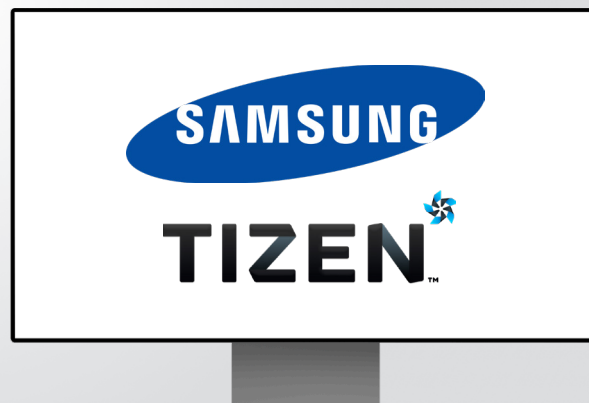
SAMSUNG TIZEN™ CLIENT 2.6.1

Release version **2023-11-07**

FIRMWARE SUPPORTED: year 2021 and newer*

TIZEN OS SUPPORTED: version 4.0, 5.0 and 6.5*

MEDIA PLAYER: SSSP 6*



COST EFFECTIVE AND EASY DIGITAL SIGNAGE FOR IMAGES, VIDEO AND WEB.

Tizen operating system is an open-source system maintained and mainly developed by Samsung. It is used in everything from Samsung LED screens to watches.

Nodeark has developed its own Tizen client for Samsung LED screens to complement its regular range of high performance media players and clients.



MULTIFILE RENDERING



BASIC DIGITAL SIGNAGE FOR MEDIA PLAYERS INCLUDED IN SAMSUNG SIGNAGE LED SCREENS (NOT TV'S)

Nodearks Tizen client software can be installed on any newer Tizen/SSSP equipped Samsung LED screen. Deployment is easy. Just startup the Samsung screen, connect directly to the Nodeark Ecosystem and register and you're good to go.

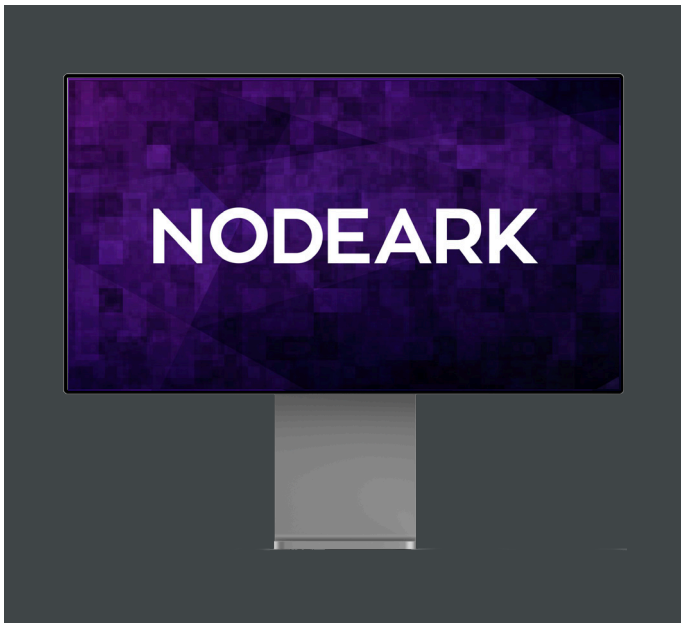
AN INNOVATIVE NODEARK FEATURE THAT REVOLUTION- IZES THE TIZEN EXPERIENCE

There are limitations to what file types the Samsung Tizen client can play. So Nodeark came up with the feature that the Nodeark Ecosystem **automatically converts and optimizes** all images and movies uploaded into the correct format and codec before transferring it to the Samsung Tizen screen.

EASILY UPGRADEABLE TO PERFORMANCE HARDWARE

Integrated screen mediaplayers are focused on classic full screen digital signage tasks such as showing images, movies and websites in full screen. It is however easy to upgrade any screen to the Nodeark range of performance hardware and migrate content of any screen.

* It may still be possible to run the Nodeark Samsung Tizen client on older clients but this is not supported by Nodeark.



TARGET APPLICATIONS

- **New:** Possible to split up the screens into different sections or parts.
- **New:** Multifile rendering that automatically converts images and movies into the correct formats.
- **New:** Supports offline html content.
- Developed for basic and cost effective digital signage thanks to its built in media player.
- Good for corporate, retail, sports, educational and government applications where image/video/web is displayed in full screen.
- Made for classic signage and plays images, video and web pages.
- Install within the Samsung LED screen using URL-deployment. The Nodeark client installs automatically.

NODEARK TIZEN 2.6.1 COMPATIBILITY CHART

Image formats	JPEG and PNG native. All Nodeark supported formats with file rendering.
Image sizes displayed	1920x1080 pixels displayed (Upload any size with file rendering).**
Video formats	MP4 native. All Nodeark supported formats with file rendering.
Video codecs	h.264 native. All Nodeark supported codecs with file rendering.
Video bitrate (max)	Approx 10 Mbps played (Upload any bitrate with file rendering).**
Video size displayed	1920x1080 pixels displayed (Upload any size with file rendering).**
File size (max)	Check specification of the screen. Typically 2-3 GB total storage available.**

FEATURES INCLUDED IN VERSION 2.6.1

- Display content using layouts
- Display video and images
- Display web sites
- Display offline html content using zip-files
- Compatible with Nodeark Powerpoint plugin
- Compatible with Nodeark Remote Control

NODEARK ECOSYSTEM™ CONSIDERATIONS

- Nodeark supports mixed installations using the Nodeark product range of hardware media players together with software clients installed via Windows, Tizen, webOS and Android.

** Please note that Samsung SSSP player specifications varies depending on model and year.