**LED Ticker RFP**

The following ample ticker specifications we recommend as part of your RFP to ensure you get a quality LED Ticker.

The items **bold and underlined** as placeholders to be updated by your specific requirements.

**Ticker Hardware**

* Cabinet Size:
	+ Height = **10.9 inches**
	+ Width = **296 inches**
	+ Depth = 1.9 inches
* LED Matrix - **64 x 1872 pixels**
* Pixel Pitch - .16 inch (4mm)
* Maximum Brightness – 1,500+ nits
* Color – 65,000 color shades
* Cabinet / Mounting Style - **Straight, flat wall mount**
* Safety Requirements
	+ Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements [UL 62368-1:2019 Ed.3]
	+ Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements [CSA C22.2#62368-1:2019 Ed.3]
* Brightness: 8 levels of brightness configurable on site via the App or on the display.
* A 5 year on-site warranty

**Ticker Control**

We are looking for both the software and hardware to be provided together to ensure a tightly integrated solution designed to work together. We require an App based solution allowing for control from Apple or Android based devices. From the App we require display control consisting of:

* Control of the scroll speed.
* Control of the brightness.
* Power save feature to configure when the ticker comes on and goes off automatically.
* The ability to add unlimited users to control and contribute messages.
* Visibility to see if a ticker is online/offline from the App and if offline view the last time it was properly connected, along with the Mac address and IP address of the device.
* Scheduling to define what content shows by date and/or time.

**Ticker Content**

We expect to insert our own announcements and messages where we can select the color, font, and size of the content we inject. In addition to text based messages we also require the ability to upload simple graphics and logos.

We require the following predefined lists of popular financial instruments that can be scheduled in rotation. The financial data must be licensed and include logos:

* Nasdaq 100 Stocks
* S&P 100 Stocks
* Dow 30 Stocks
* Top 50 Widely held stocks
* Crypto Currencies (Bitcoin cash, Binance, Bitcoin, Doge coin, Etherium, Litecoin, XRP, Zcash)
* Metals (Gold, Silver, Copper, Platinum, Palladium) – end of day closing price
* Energy (Oil, Brent, Nat Gas, RBOB Gas) – end of day closing price
* Agriculture (Wheat, Soybeans, Corn, Sugar, Coffee, Cotton, Cocoa) – end of day closing price
* Livestock (Live Cattle, Lean Hogs, Feeder Cattle) – end of day closing price
* Forex (Euro-USD, USD-JPY, GBP-USD, USD-CAD, AUD-USD, EUR-GBP)
* Market Indicators (Nasdaq 100, S&P100, S&P500, VIX, TSX)
* Top holdings for each Sector (Consumer Staples, Consumer Discretionary, Financial, Energy, Industrial, Materials, Communications, Utilities, and Healthcare)
* Headline news from RSS sources.

In addition to financial data we require access to sports information that we can schedule to display from time to time. The sports data must be licensed and include team logos:

* NFL
* NBA
* NHL
* MLB
* MLS
* NCAA Basketball (all division 1 or Top 25)
* NCAA Football (all division 1 or Top 25)
* Headline news from RSS sources

**Ticker Provider**

We require a ticker provider with **at least** the following qualifications:

* 10 years of experience providing LED tickers.
* 50 active ticker customers in North America.
* 10 employees.
* A nationwide network of trained installation and service technicians.
* A 5-year on-site warranty