VANTAGE LED

Innovative LED Displays

never an ordinary experience

Welcome to the Team.

Our Mission:

*Each and every action must make an impact and push innovation.
It must be useful.*

*Everything we do must add real benefits and overall value
to our partners and their clients.*

*All backed with truth, authenticity, genuine care, strong resources,
and communication.*

*More importantly, we embrace team effort for the benefit of
everyone involved.*

We love this industry.

*Making every aspect of the industry better,
and **Never an Ordinary Experience.***

Hello. Kon'nichiwa. Nín hǎo. Hola. Bonjour. Hallo. Ciao. Aloha.

*My name is Chris Ma, CEO and Founder of Vantage LED. I started this company
because I have a passion to keep this industry fresh and alive by creating unique
innovations and impactful solutions.*

*I enjoy finding new synergies in everything we do alongside the people we meet
and work with everyday. It's exciting and very inspiring.*

*I love our tagline, "Never An Ordinary Experience." It constantly reminds us to cherish the great moments
while we push this dynamic industry forward.*

*I've worked hard to build a team of talented, passionate, creative, and dedicated people and partners
who share the same vision. Let me introduce you to the team and the extraordinary things we do.*

We're A Whole New Direction.

An all-around design house located in Ontario, California,
Vantage LED designs, engineers, and manufactures revolutionary digital advertising solutions for the ever-changing outdoor LED display industry.

We have the most experienced Engineering, Research & Development Teams customizing and tweaking our hardware and software to meet and exceed our dealer partner's expectations & unique applications.

The most attentive Sales Team ready and willing to help our dealer partners be creative and thorough with effective solutions for their clients. A dedicated team who constantly go above and beyond the call, donating their time to great organizations such as Step up for Soldiers, Children in Crisis, and Susan G. Komen for the Cure.

A highly focused and motivated Production Team who constantly improve their systems to consistently meet our client's timelines while maintaining quality of build in a fun and positive atmosphere in our 150,000 sq ft facility in Ontario, California.

An outstanding and proactive Support Team who deliver concierge-type service for our dealer partners and their clients. They're willing to come in early, stay late, and be on standby to make sure everything goes smoothly and that clients are happy.

A very active and engaging Marketing Team who deliver exciting, new, and fun ways to help dealer partners and their team. They take the initiative to reach out and provide effective resources and tools to build our dealer's brand, credibility, and their business while always listening to new ideas and tools they need to succeed.
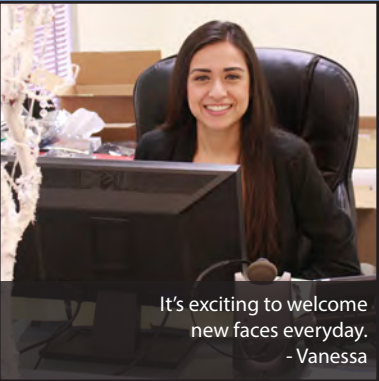
The most passionate and accessible CEO in the industry who always takes on the challenge to innovate our products, our systems, and offerings daily to push our partners, our company, and this industry forward.

This industry rocks...
and I love rockin it.
– Paul

It's great working for a company that encourages originality and creative ideas.
- Krystal

It's exciting to welcome
new faces everyday.
- Vanessa

"Our production team takes pride in manufacturing top quality products. Working diligently everyday to build a product they are proud of; a product that our dealers and their customers are confident to drive their business to new levels."
- Jon Park, Production Manager

Factory Headquarters
150,000 square foot facility located on 8.66 acres, Never An Ordinary Experience
"The Vantage LED team rocks! It's rare to meet a group of people so passionate, knowledgeable, experienced, and overall friendly in any business. They're a true pleasure to work with and an excellent partner to have on your path to success!"
- Deacon Wardlow & Team, Special Ops at Spectacular Media

We're Listening. What's Important to You?

It's about catering to your business needs...not ours.

Do you need better terms? More leads? Help with sales materials or your website? Do you exhibit at tradeshows? Need demo equipment? We're more than just a source for product. We're here to grow your business.

We lead with a handshake eager to learn and understand our dealer partner's story and their business. We know what sign companies face in the field, and we are here to help with proven innovative solutions backed with valuable resources and genuine human support.

We engage, ask questions, and listen. We start by creating a list of what is important to our dealer partner. Then, we address each item with products, resources and unique solutions that will set their company apart and ultimately achieve their goals.

We stand shoulder to shoulder with our dealer partners to build their business and support their brand. We want our dealer partners to be completely comfortable with the entire Vantage experience, from our people and product to terms and delivery. We want to support their business by co-branding our resources, and provide tools to help build their credibility and presence online and offline.

The true power behind Vantage LED is our diverse team of people with years of industry experience always willing to help and always keeping each other accountable.

Just let us know…

How can we help you grow?

"Nothing replaces face to face communication. Whether you visit us at the factory, request a personal visit, or see us at a tradeshow. We'll spend that time focusing on what's important to you and come up with solutions together."
 - David Bittenbender, Sales Team

Cannery Casino & Hotel, Las Vegas, NV
Phoenix™ Full Color Series, 20mm - 216 x 416 / 14'-5" x 27'-7"
"We upgraded their sign with a new full color display, but the data solution we provided was completely custom. The Cannery already had a specific media system in place, so our team worked with them to develop a solution that was a natural fit."
- Josie Salitrero, National Sales Manager

Be A Part of Vantage LED.

From the Dealer Partners, their Teams, to the End User;
from our Employees, our Vendors, to all our Families;
ALL of us together embody and grow this company.

Become an exclusive Dealer Partner:
Allow our teams to work for you.
• Innovative and powerful products for your clients.
• Co-branded materials to instantly boost your brand and aid your sales team.
• Business incentives to help cash flow and better service to your clients.
• A true partner in your business who listens and adapts.

Experience the benefits as an End User:
Utilize the power of advertising with LED displays.
• On-premise custom advertising targets your potential customers everyday.
• People consistently recognize your location as a landmark.
• Spurs impulse and immediate action.
• Help your community with automated emergency amber alerts.

Start a career at Vantage LED:
and let's work together to shake up this industry.
• Be part of a solid team environment.
• Challenge yourself and express your ideas.
• Better yourself and the people around you.
• Never have an ordinary experience.

"Not only does Vantage set out to develop a great product with powerful software and support, but they set out to make it their mission to know and understand every dealer partner they work with; that's the culture at Vantage LED. They bring you in as part of the team to a greater degree than I have experienced with any other supplier."

- Rick Akers, Akers Signs.
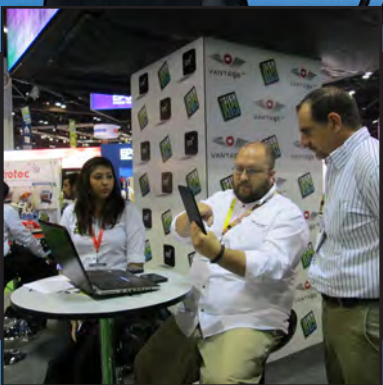
The Shoppes at Cross Keys
Phoenix™ Full Color Series, 16mm - 144 x 384 / 7'-10" x 20'-1"
"The client needed easy access to sign management and scheduling features for advertisers. SM Infinity™ cloud-based software was a perfect fit! They are able to manage the sign remotely, generate play reports, receive notifications, and utilize the integrated graphic design service for personalized content creation."

- Scott Hofheins, Special Ops at Spectacular Media

We Welcome You to Vantage LED.

It's Time To Flex Your Muscle.

VANTAGE LED

FLEX

Your way to success.

FLEX BUSINESS

A change in the way manufacturers and dealers work together
breaking down the rigid walls of traditional business relationships.
By being flexible, we can tailor our Terms, Deposits, Warranty, and Lead Times
to meet the needs of our dealer partners.

FLEX PRODUCT

Featuring our Dynamic FLEX240 LED module: One module size for all pitches.
Local or Cloud-based software.
Versatile PC, Mac, iPad, or Mobile access,
Powder Coated or Dragon Skin™ high performance coatings.

Phoenix™ Full Color Series

Our Premier Full Color LED Display Series delivers a dynamic advertising impact, enhances your clients image, and establishes a memorable landmark in their community. They will interact and energize their target audience everyday with bold colors and compelling content. Our **execution in solid engineering and remarkable quality** will uphold your vision and drive a return on investment for your client.

Featuring our FLEX240 LED MODULE:
All our available pitches from 5mm to 24mm fit into **one universal module size** (240mm x 240mm). This unique module does not lock your client into a specific pitch for the lifetime of their display. If they want to upgrade from 24mm to 10mm, future proof this cost by just upgrading the modules and the power supplies; no need to install a whole new display or get a new sign permit.

Viewing Distance	Around 50ft Good for walking traffic			50-100ft		100-250ft		250+ ft
Resolution	**5mm**	**6mm**	**8mm**	**10mm**	**12mm**	**16mm**	**20mm**	**24mm**
Module Matrix	48 x 48	40 x 40	30 x 30	24 x 24	20 x 20	15 x 15	12 x 12	10 x 10
Pixels Per Sq Feet	3716	2581	1452	929	645	363	232	161

"It didn't take long to realize that Chris and his team are genuine. The people and the products are completely different from other manufacturers. We feel like we have a new business partner that feels privileged to work with us, and not the other way around."
 - Rich Burton, Burton Signs

The Woodlands Orthodontics Group, Magnolia, TX
Phoenix™ Full Color Series, 25mm – 48 x 120 / 4-3" x 10'-2"
"The client bought a brand new LED display that helped revitalize their business. They can reach out with their unique services as well as display public announcements and helpful alerts."
- Bruce Murray, Sales Team

Raven™ Grayscale Series

Our Solid Grayscale LED Display Series will directly express the heart of your client's organization. More attractive and safer than manual letterboards, our displays will please audiences with simple to read text messages and 4096 shades of impressive image and video quality. Your client's LED sign will make a strong, yet beautiful presentation to their community. You will **be impressed with the sheer performance and reliability.**

Featuring our FLEX240 LED MODULE:

All our available pitches from 10mm to 24mm fit into **one universal module size** (240mm x 240mm). This unique module does not lock your client into a specific pitch for the lifetime of their display. If they want to upgrade from 24mm to 10mm, future proof this cost by just upgrading the modules and the power supplies; no need to install a whole new display or get a new sign permit.

Viewing Distance	50-100ft		100-250ft		250+ ft
Resolution	**10mm**	**12mm**	**16mm**	**20mm**	**24mm**
Module Matrix	24 x 24	20 x 20	15 x 15	12 x 12	10 x 10
Pixels Per Sq Feet	929	645	363	232	161

"Vantage has the experience to provide us with extraordinary service for all of our projects. I was impressed with their fabrication facility and have always been pleased with the friendly sales staff, both at the home office and in the field. Their industry-leading on-site service warranty and cutting-edge software helps me stay ahead of the competition."
  - Mike Lewis, The Sign Store

North Houston Baptist Church, Houston, TX
Raven™ Grayscale Series, 16mm 48 x 160 / 2'-10" x 8'-8"
"The Raven™ Grayscale series provides a solid and effective way for churches and fire departments to share their important messages with their community."
- James Anderson, Sales Team

Indoor FLEX HD Series

Everything changes when you liberate great content.
Our indoor flex HD series is built with high performance & ease of install in mind. We understand time is of the essence when it comes to staging & event planning, and we've engineered the product just for that purpose.

Rugged: Built for durability. Easy to store, install and use for multiple events.

Quick Load In & Load Out: Simple interlocking connection for structure, data & electrical makes for a quick install and teardown.

Scalable: This modular die-cast system is great for building large or small screens.

Live Event Venues - Staged / Rental / Mobile

• Solid structure support for hanging
• Die-cast aluminum frames
• High resolution, frame rate, and refresh rate to ensure content looks amazing
• Easy assembly/disassembly and simple to store between events
• Quick Connect system for fast staging
• Powerful LightSpeed™ Live! software platform to use with any venue/event
• Turn Key Video

Versatile Indoor Applications

• Quick connect cables for easy setup and service
• Light weight construction provides more installation options
• Energy efficient design saves money
• High contrast
• Low profile options available

The Indoor FLEX HD Series LED Modules
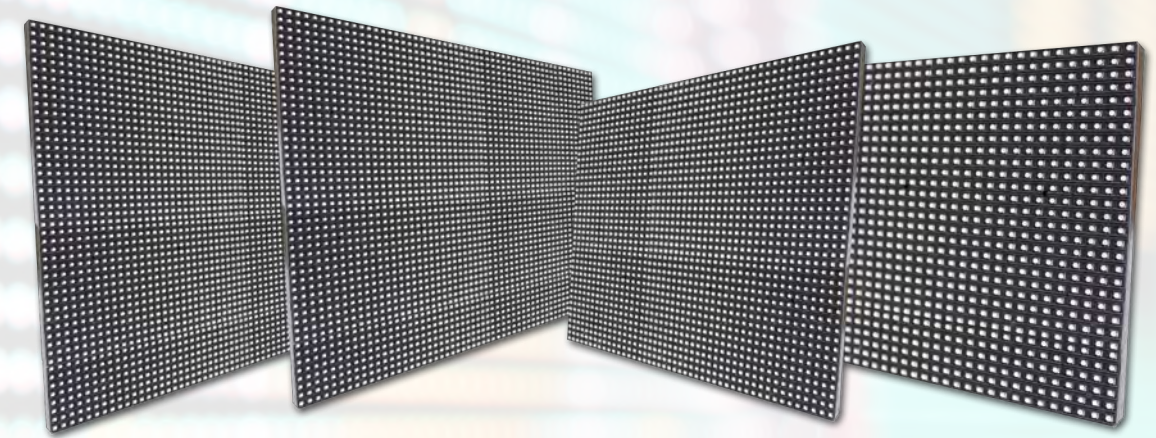
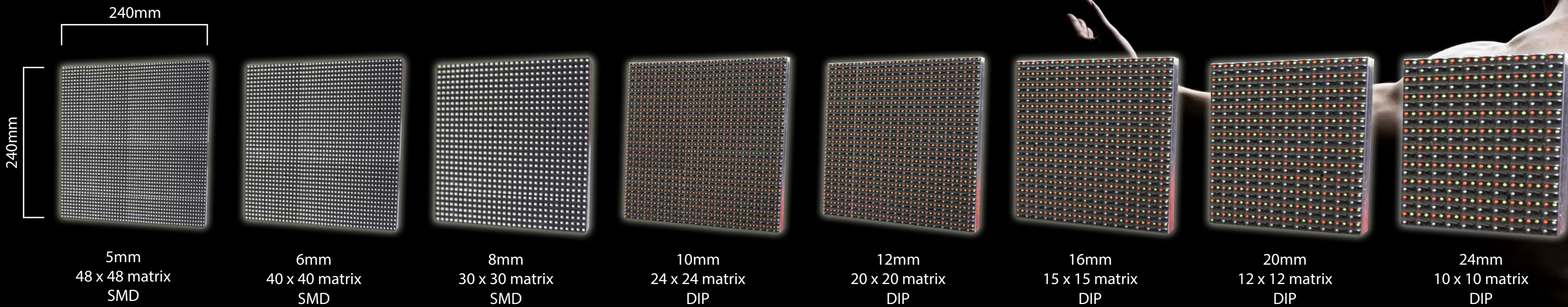The ultimate in high definition
(3.1mm to 6.2mm)
engineered to produce the "wow" factor at your event.

The Dynamic FLEX240 LED Module

We revisited the common LED module and made it...**flexible**.
Our FLEX240 module features all our pitches in one universal module size.

Now, there's nothing **common** about it.

240mm

240mm

| 5mm
48 x 48 matrix
SMD | 6mm
40 x 40 matrix
SMD | 8mm
30 x 30 matrix
SMD | 10mm
24 x 24 matrix
DIP | 12mm
20 x 20 matrix
DIP | 16mm
15 x 15 matrix
DIP | 20mm
12 x 12 matrix
DIP | 24mm
10 x 10 matrix
DIP |

FEATURES

With the best resolutions, comes the best options.

Future Proof
The FLEX240 module makes it easy to upgrade and not be "locked down" to the pitch of your display.
Today: If your client doesn't have the budget for a tighter pitch, they can begin with a lower resolution, such as a 24mm pitch, and start reaping the benefits of advertising with an LED display.
Later: As their business grows, they can upgrade to a tighter pitch, such as a 10mm, enhancing their advertising, displaying success, and refreshing their image in their community.

Overall Ease and Simplicity
Traditionally, you would have to replace the entire LED display if you wanted to upgrade to a better resolution. Now, you can avoid uninstalling/reinstalling costs and having to worry about a new permit by simply installing new modules. *Upgrading the display to a higher resolution will require additional power supplies. All other internal and external components will be forward and backwards compatible.*

Ultra Low Power
Our redesigned power configuration and hardware provides a lower power consumption than other products on the market...by one third! This reduces the electrical pull significantly resulting in lower operating costs.

As your client's business grows, so can their display resolution.
Easily upgrade a 24mm display to a 10mm display

Fresh Flowers Today!

Your Favorites Still Here!

Today

2 Years Later

Ultra Low Power

Custom Conformal Coating:
Our power supplies are custom coated internally to protect against corrosion and oxidation. This extra step we take in the process helps to increase the life by 25%.

Safety and Protection
Built in voltage and temperature protection in our power supplies protects against long term damage from power surges or heat.. This means they stay effective longer in the field for your clients, and help eliminate downtime

Efficient Power
Through solid engineering and design, our power supply and hardware system help your clients save money on electrical installation and service costs.

Advertising Power
Our power supply design facilitates lower powered billboard displays and integrate redundant power configurations. This means less long term costs, downtime, and more advertising revenue for operators.

Ultra Low Power
Our power configuration and hardware provide a significantly lower power consumption than other products on the market. This reduces the operating and long term costs of the LED sign, saving time and money.

Type	Pitch	Module Matrix	Watts per Pixel (MAX) Full Brightness
SMD	5	48 x 48	0.020
SMD	6	40 x 40	0.028
SMD	8	30 x 30	0.052
DIP	10	24 x 24	0.026
DIP	12	20 x 20	0.038
DIP	16	15 x 15	0.067
DIP	20	12 x 12	0.105
DIP	24	10 x 10	0.126

Power Calculation: Watts times Matrix divided by Voltage = Amps for a display
For Example: A standard 20mm, 48 x 96 display would only pull 4 amps per face.
*(48*96 = 4,608 * 0.105 = 483.84/120VAC = 4.03 Amps/face maximum power)*

Virtual Resolution

Virtual Resolution (VR) is not a myth, its real technology
resulting in smoother graphics and extremely fluid video. The pixels are able to share the LEDs between them, thus halving the distance from one pixel to another and virtually doubling the resolution of the display enhancing the content. (ex: If you have a 20mm display with a 48 x 96 matrix, it's virtual resolution would be double at 96 x 192).

No Strain: VR technology simply shares LEDs. We added extra driver IC's to the modules to provide the computing power to control the complex algorithms.

No Pain: VR does not require more power or require overdriving the LEDs. Overdriving LEDs is a poor choice for a short-game sale which causes a display's LEDs to degrade faster and the sign to lose performance over time.

More Gain: A 20mm virtual will make the display look crisper and more defined with sharper images and smoother lines. It's an upgrade on the system which makes it stand out.

*Virtual Resolution available only on the Phoenix™ Series.*

Without Virtual Resolution   *With Virtual Resolution*

With **Virtual Resolution** technology, the pixels are able to **share** the LEDs between them; thus halving the distance from one pixel to another and virtually doubling the resolution of the display and **enhancing the content.**

Pitch is the measurement in millimeters (mm) from one center point of a group of LEDs (which makes up a **Pixel**) to the next center point; The closer the pixels, the tighter the pitch, and the higher the **Resolution** of the display.
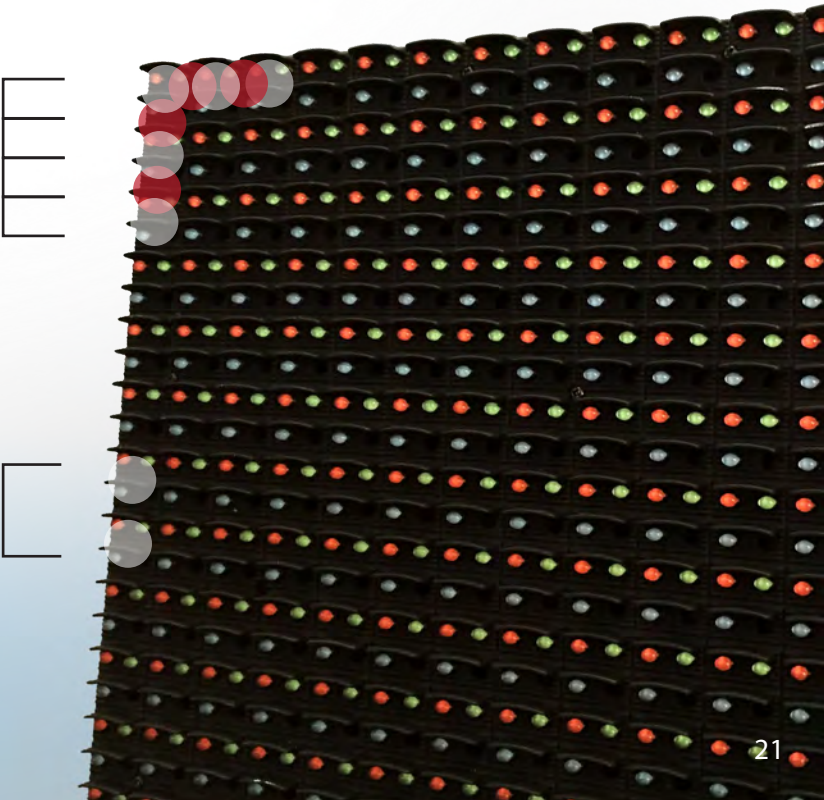
Darwin Control Unit

The Darwin™ Industrial Control Unit is the brain of the display
where the messages and content is stored and processed. It features an Intel processor and uses the display like a monitor to show high resolution graphics and video.

Solid: It features a solid state hard drive (like a flash drive) rather than a spinning magnetic disc (like most LED sign controllers) with plenty of space to store messages. No moving parts means less mechanical issues, faster processing, and lower heat.

Custom: Our PC controller features an open system. This allows for customization such as adding audio or live video.

Simple: The Darwin Controller was built for the unique needs of an outdoor LED sign, minimizing fail points and increasing reliability. This simple design approach provides a host of benefits and a longer life span. Temperatures are decreased with external heat-sinks, smaller components run more efficiently, and the industrial PC allows for easy and simple upgrades with third party integration as new technology becomes available.

Future-proofed flexibility: Choosing a system with an Industrial PC (IPC) allows end users to have a solid foundation for the future of their display. An IPC gives end-users the ability to upgrade the system to integrate new technology, improved features, and even change to a bigger system or tighter pitch display down the road. A solid foundation give end-users the room to grow their display to meet their organizations evolving need.

Online Backup: With 60 gigs of local storage and all content backed up to the cloud with SM Infinity.

High Performance Cabinet Coatings

Powder Coat

Powder coating is quickly becoming a required standard for high-quality LED message center manufacturing. Make sure your investment is properly protected. Accept no imitations. While many coatings may appear similar, you'll see the difference when you try to scratch beneath the surface.

- Responsible powder coating emits zero volatile organic compounds (VOC) making it a safe and green alternative to conventional liquid coatings.

- Powder coatings can produce much thicker coatings than conventional liquid coatings without running or sagging delivering a uniform protective seal.

- Powder coating production lines produce less hazardous waste than conventional liquid coatings ensuring a better environment for all.

- Powder coated items generally have fewer appearance differences between horizontally coated surfaces and vertically coated surfaces than liquid coated items, this means your system will look better (longer) than conventional liquid coatings.

Dragon Skin™ is a rugged and resilient coating on the display cabinet patented by Vantage LED. This high performance coating is designed to protect the display leaving it looking better, longer, and stronger.

- **It is highly scratch resistant.** When compared to conventional paint, it resists fading and scratching during installation and for the life of the display.

- **The coating expands and contracts** with weather changes. This means it will not stiffen, crack, or peel like conventional paint adding longevity to the beauty of the display.

- **Plus, it's a safe and "green" alternative** for our planet. The coating does not use Volatile Organic Chemicals (VOC) unlike typical paint applications which release harmful elements into the atmosphere.
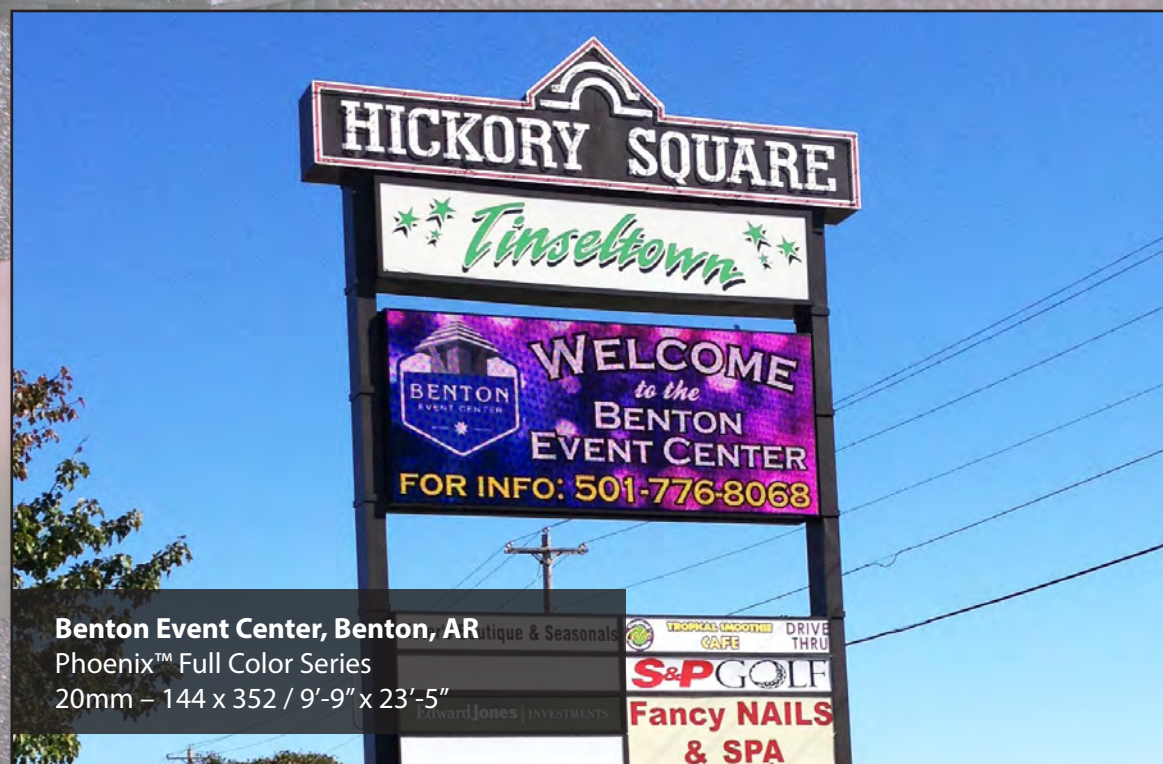
North Canton Skate & Entertainment Ctr
Phoenix™ Full Color Series
25mm – 48 x 96 / 4'-3" x 8'-2"
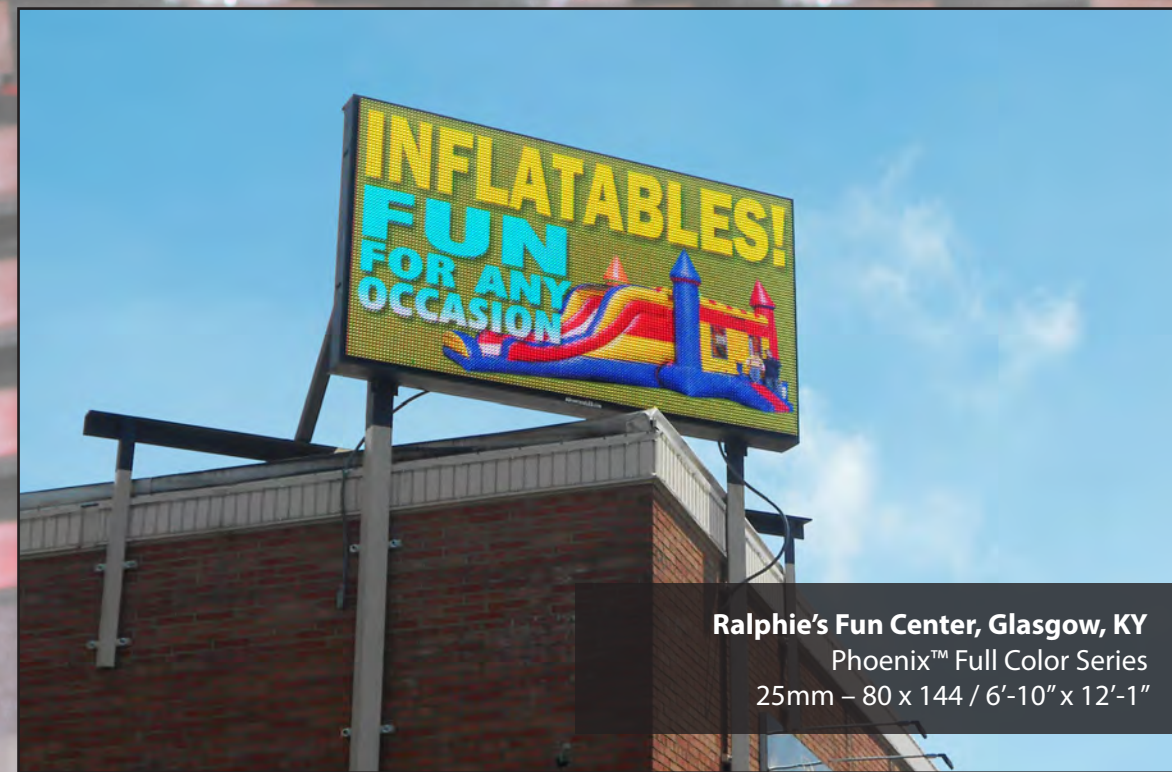
Ralphie's Fun Center, Glasgow, KY
Phoenix™ Full Color Series
25mm – 80 x 144 / 6'-10" x 12'-1"

Benton Event Center, Benton, AR
Phoenix™ Full Color Series
20mm – 144 x 352 / 9'-9" x 23'-5"

Good Shepherd LCMS, Cedar Park, TX
Phoenix™ Full Color Series
16mm – 48 x 128 / 2'-10" x 7'-0"

GALLERY

"This is teamwork. We have a group of unselfish individuals who work together to serve its dealer partner network by providing innovative product solutions and fast turnaround...the power of Vantage LED."
- Ricky Chai, VP of Operations

"What we want to provide is the fact that we design and manufacture here, we customize the product if they need it, and to provide that excellent experience; treat everyone the same, no matter if they are a first time buyer or have been with us for a long time."
- Kyle Carnes, Design & Integration

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Round Rock Auto Group, Round Rock, TX
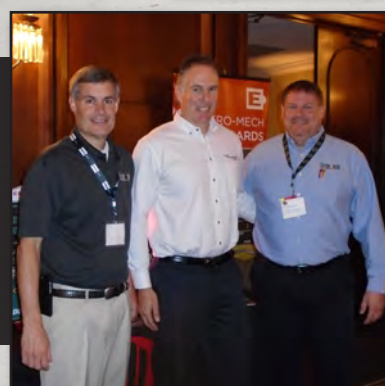Phoenix™ Full Color Series
20mm – 72 x 240 / 5'-0" x 16'-0"

Family Worship Center, Pulaski, VA
Phoenix™ Full Color Series
20mm – 80 x 112 / 5'-6" x 7'-1"

Camden County Stadium, Kingsland, GA
Phoenix™ Full Color Series
16mm - 176 x 224 / 9"-6" x 12'-1"

Santiago High School, Corona, CA
Phoenix™ Full Color Series
16mm – 64 x 144 / 3'-8" x 7'-10"

"After over 50 years, we've developed a reputation of having the highest quality products and superior customer service, so we're very selective with which we choose to align ourselves. Vantage LED has proven to be a perfect fit not only with their standard of quality in product and service, but also in their core values."
- Jim Ledford, Electro-Mech Scoreboard Co.
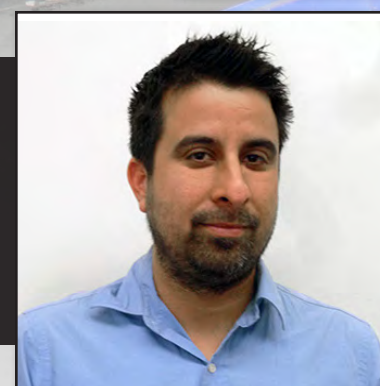
"This was a tremendous project for Signs of Community and Corona Unified School District. This community announcement center is in a network that shares information about city, school, and local businesses. It's the first of its kind."
- Ivan Perez, SOC Program Director

Fan Fest 2014, Brazil

Phoenix™ Full Color Series, 16mm - 512 x 960 / 27'-2" x 50'-8"

"We provided full color displays in 5 cities: Brasilia, Cuiaba, Curitiba, Fortaleza, Natal that were large and visually incredible. The experience brought the entire company together which was a proud moment for us. The fans lost their minds when their faces were on the displays or when Brazil scored."

- Kyle Carnes, Design & Integration

"Brazil was a dream come true; putting up an LED display for the largest sporting event in the world. Collaboration and hard work from hundreds of people made this display installation possible. The experience combined two things I love: Vantage LED and Soccer."

- Rosa Lopez, System Integration

Full Color Billboard Series

Through the innovative application of technology, a low power, full color outdoor advertising solution is available with no sacrifice in quality. Deliver impactful advertising with stunning image quality, all while using a fraction of the electricity previously required.

Low Power + Consistent Uptime = More Revenue

Lower power consumption lowers not only initial installation and operating costs, it reduces the number of potential failure points, translating into consistent uptime. All these savings add to your bottom line.

High Quality

We use top tier components and fabrication strategies for a comprehensive system that sacrifices nothing. Cabinets ship in easy to assemble sections with quick component access for better installation and long term service, saving time and money.

Hassle Free Management and Scheduling

Access your entire advertising network through the SM Infinity cloud based platform, using a PC, Mac or iPad. Flexible schedule options meet your sales strategies, such as schedule slots, regional groups, individual rotations or group rotations.

Collaborative Control & Tools

Having multiple users in a role based structure provides operators with the ability to divide workloads while maintaining global visibility. Easily generate proof of performance reports with details including play counts and occupancy rates giving you quick visibility of day to day operations. With email alerts or sms messages you can respond quickly to changes in your network's operation. Collaboration makes you nimble and efficient.

With our manufacturing and design capabilities, we are able to offer additional solutions for your network.

- **Redundancy Options.** Further ensure uptime by adding power or data redundancies
- **Custom Builds:** Fully customizable from border sizes, coatings, to backlit impact panels, our manufacturing team can produce the display that best suites your needs.

"In digital billboard applications, you cannot have downtime, because it simply means no revenue. We strongly believe it is a requirement to eliminate the risk by ensuring redundancy. It was our mission to design and engineer the redundant system solution to maximize revenue of our billboard customers."
- Yuusuke, Chief Operating Officer

Fort Gordon, Augusta, GA
Phoenix™ Full Color Series, 20mm - 112 x 272 / 7'-8" x 18'-2"
"The displays are installed at 3 of the bases entry gates. They are using SM Infinity™ and USB Cellular modems for internet connectivity. They're placed in great locations that are easily readable for anyone entering or leaving the base."
- Jeff Nowling, Head of Technical Support
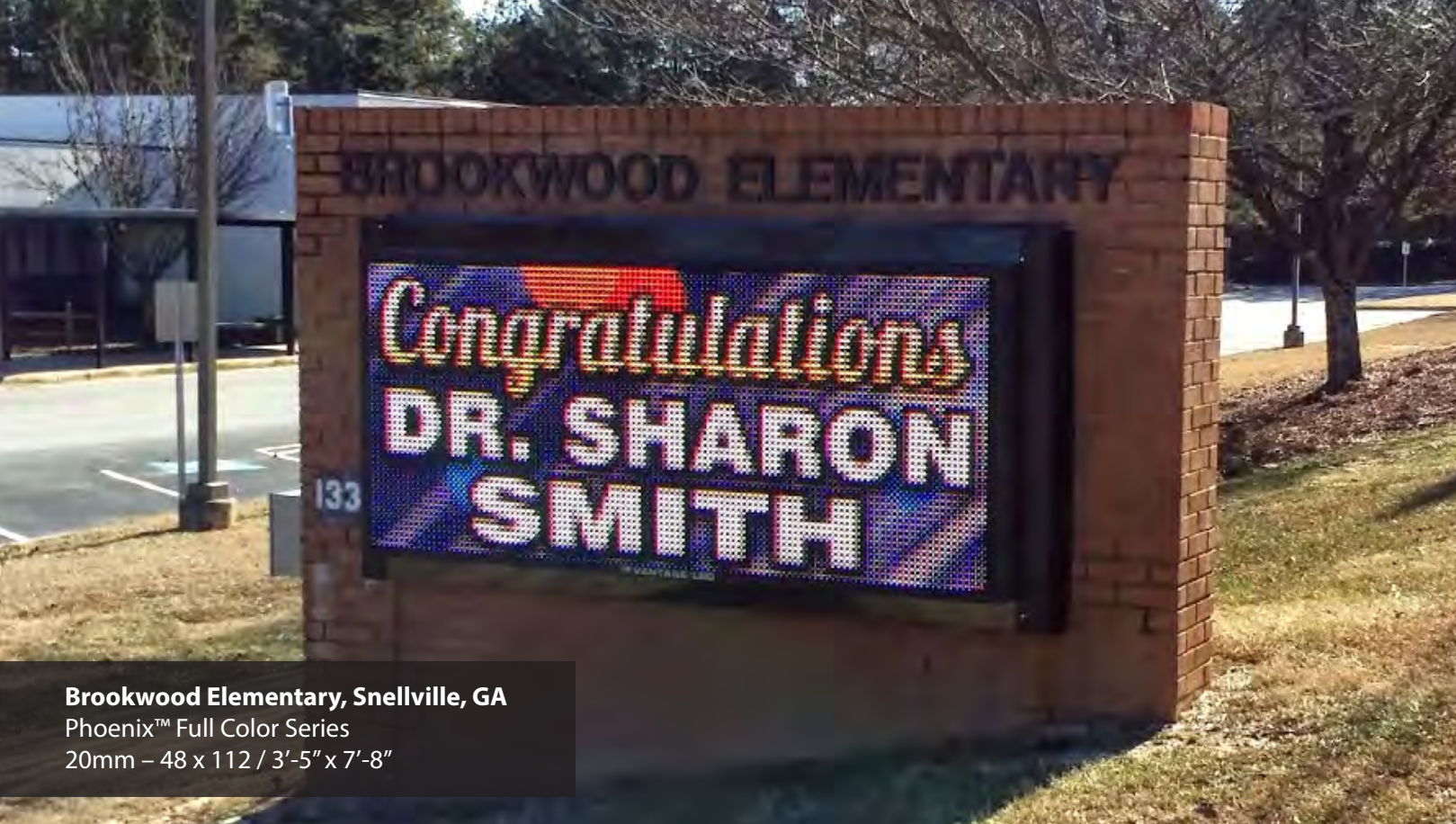
Brookwood Elementary, Snellville, GA
Phoenix™ Full Color Series
20mm – 48 x 112 / 3'-5" x 7'-8"

Manalapan TWP. Fire Co., Manalapan, NJ
Phoenix™ Full Color Series
25mm – 32 x 80 / 2'-8" x 6'-7"

Education

An outdoor digital sign plays a significant factor in communicating events and information to students, parents and staff. Our displays can be programmed days, months and years in advance. They also boast real time weather, time and temperature updates through SM Infinity™.

- **EASY COLLABORATION:** Make sure everyone is updated on events, changes, and other critical information with 24/7 access to the sign using our cloud-based software. User permissions can be set to allow various groups (teachers, students, and event staff) access to the display. Final schedule control/authorization can be assigned to the principle, superintendent, or primary account manager.

- **COMMUNITY OUTREACH:** Access signs at multiple campuses from the cloud and manage multiple users by assigning custom permissions. Our platform was built to be a central communication hub for any staff, volunteers, or leadership associated with the signs. Make sure the community from students to families and community members are kept up-to-date with current events, and schedules providing transparent communication to the people in your area.

- **AMBER ALERTS:** Easily enable our automatic emergency and public alert service with no complicated settings or manual input which could cause delays in delivering critical information. Our displays link directly to FEMA's IPAWS (Integrated Public Alert Warning System) service to automatically display weather warnings, amber/silver alerts, and local/regional/state/federal safety alerts.

- **ULTRA DURABLE:** Our entire system is designed for durability and long life. Our cabinets are built to withstand all types of weather and avoid fading, scratching or cracking. Our LED modules are vandal resistant with high impact louvers over each pixel. The internal electronics are built to perform in a wide range of conditions and our power supplies are conformally coated to extend life and minimize maintenance.

- **SIMPLE SECURED COMMUNICATIONS:** Whether you need to use fiber optic, ethernet, wireless, or cellular data - our system can flex to suit your location's needs. Connect with the sign over a secured network with user-defined and controlled access. Connect with the sign over a secured network with permission based and controlled access allowing various groups, teams, and individuals to collaborate on content and authorization/control granted through a primary sign manager/authority.

Government / Public Entities

Reliable communication is key for any government office, military installation, municipality, or public entity. We provide products that will ensure the long term operation of any signage program securely all at an affordable price. Our hardware and software continues to meet or exceed bid specifications across the nation.

- **PROVEN LEADER:** Our product is engineered and designed to last with high quality components and standardized manufacturing processes. Our Darwin™ Control system utilizes solid state technology to increase data storage, speed, and longevity, and our streamlined internal hardware design uses standard PC style components for easy replacement.

- **AMERICAN BUILT:** The 150,000 square foot facility in Ontario, California is home to our talented team of engineers, designers, production crew, administration, support, and sales staff. We take pride in our product and maintain direct control by engineering and manufacturing in the US.

- **WE PUT YOU IN CONTROL:** Choose the best control option for any installation. We offer cloud-based anywhere/anytime access control through SM Infinity, or local software control through our LightSpeed™ software.

- **AMBER ALERTS:** Signs that use our cloud-based control option link directly to FEMA's IPAWS (Integrated Public Alert Warning System) for weather warnings, amber/silver alerts, and local/regional/state/federal safety and public alerts. This feature automatically displays the alerts on your display and does not require any manual data entry which can cause delays or incorrect information.

- **ULTRA DURABLE - GUARANTEED:** Our entire system is designed for durability and long life. Our cabinets are built to withstand all types of weather and avoid fading, scratching or cracking. Our LED modules are vandal resistant with high impact louvers over each pixel. The internal electronics are built to perform in a wide range of conditions and our power supplies are conformally coated to extend life and minimize maintenance. The system is backed by the industry's most comprehensive parts and on-site service warranties.

- **SIMPLE SECURED COMMUNICATIONS:** Whether you need to use fiber optic, ethernet, wireless, or cellular data - our system can flex to suit your location's needs. Connect with the sign over a secured network with user-defined and controlled access allowing various groups, teams, and individuals to collaborate on content and authorization/control granted through a primary sign manager/authority.

Retail / Business

Outdoor digital signage is a proven way to increase sales and exposure for businesses. A large percentage of customers live or work near the businesses where they will spend money. Getting their attention with dynamic messages is critical. We provide a host of features that allow display owners to maximize their profits with their signage.

- **BETTER CONTENT = BETTER SALES:** Our SM Infinity™ cloud-based software integrates a professional content creation service, staffed by talented designers in the USA. Professional content makes the LED signs look amazing which attracts clients and increase business. We make sure clients look their best and leave them time to focus on their business and not the sign.

- **BRAND CONTROL:** You have complete control over the content and your company's image to the public, whether it's one location or one hundred. Cloud-based controls allow you to change your sign content when inspiration strikes, and to ensure your brand image is properly presented regardless of where you are.

- **DAYPARTING:** Advanced scheduling features also allow day-parting and automatic rotation of groups of media files for targeted campaigns. Different times call for different measures and messages, make sure your sign speaks to the morning, afternoon, and evening audience with targeted content.

- **CONDITIONAL MESSAGING:** We support a scheduling platform that allows focused advertising efforts with conditional messages that only play when select conditions are met. Cold in the morning? Make sure people know about your hot coffee or heater services. Hot in the afternoon? Showcase A/C units or cold drinks. Pre-schedule the conditions and content so your display does the extra work of matching content to the environment. Proactive, not reactive marketing!

- **SUPERIOR SUPPORT:** Our displays are fully supported by US-based factory technicians, along with a network of service professionals and staff across the country. We offer backend support to our dealer partners, or to the end users directly. Professional training and a culture of going the extra mile sets us apart from other display providers.

- **FLEX240 ADAPTS TO YOUR NEEDS:** We understand your business needs change rapidly, and the FLEX240 can go with the flow for whatever you need. Fast lead times, rugged engineering, upgradeable future proof technology which allows you to change the display to a tighter pitch or larger size if you business needs require something different down the road. We're here for whatever your needs are now or years down the line.

Non-Profit

Communicating a unified and effective message to the public is the single most important aspect for virtually all non-profits, churches, and charities. This typically has to be done on a budget, and as efficiently as possible, due to limited resources and staff. We understand these unique needs and have tailored our system to support organizations of all shapes and sizes.

- **BETTER CONTENT = BETTER OUTREACH:** The integrated content creation service in SM Infinity™ provides custom professional graphics for any organization; helping them stand out from the crowd with colorful and attention getting designs without the time and expense of a freelance graphic design team. Make sure your next event or fund-raising round gets the attention it deserves!

- **EASY ACCESS:** Manage schedules, content, and users all from the cloud 24/7 from anywhere/anytime (from any PC, tablet, or smartphone with web access). Update events and create content on the fly with our Doodle™ Online Message Editor that supports colorful text, graphics, backgrounds and even live data, like RSS Weather feeds.

- **COMMUNITY ALERTS:** Taking community support to the next level, our fully automatic emergency alert service links directly to FEMA's IPAWS (Integrated Public Alert Warning System) service for amber/silver alerts, severe weather, and local/regional/state/federal safety alerts. This feature automatically displays the alerts of your display and does not require any manual data entry which can cause delays or incorrect information.

- **BEST VALUE:** Quality outdoor signage is a financial investment, so it's critical to get the best value for the money. We pride ourselves on providing the best hardware/software in the industry, and the most power efficient systems on the market; saving money on electricity and maintenance. Our systems can easily be upgraded to the next tightest pitch, bigger size, or newer technology for a fraction of the initial investment to meet your organizations needs as you grow and change.

- **WORRY FREE:** Our support team is US-based and ready to go the extra mile help customers with any needs including training, hardware setup, and troubleshooting. The product is backed by a full comprehensive warranty. Parts are stocked and inventoried for long term support and service.

Brandon Dermatology, Brandon, FL
Phoenix™ Full Color Series
20mm – 48 x 112 / 3'-5" x 7'-8"
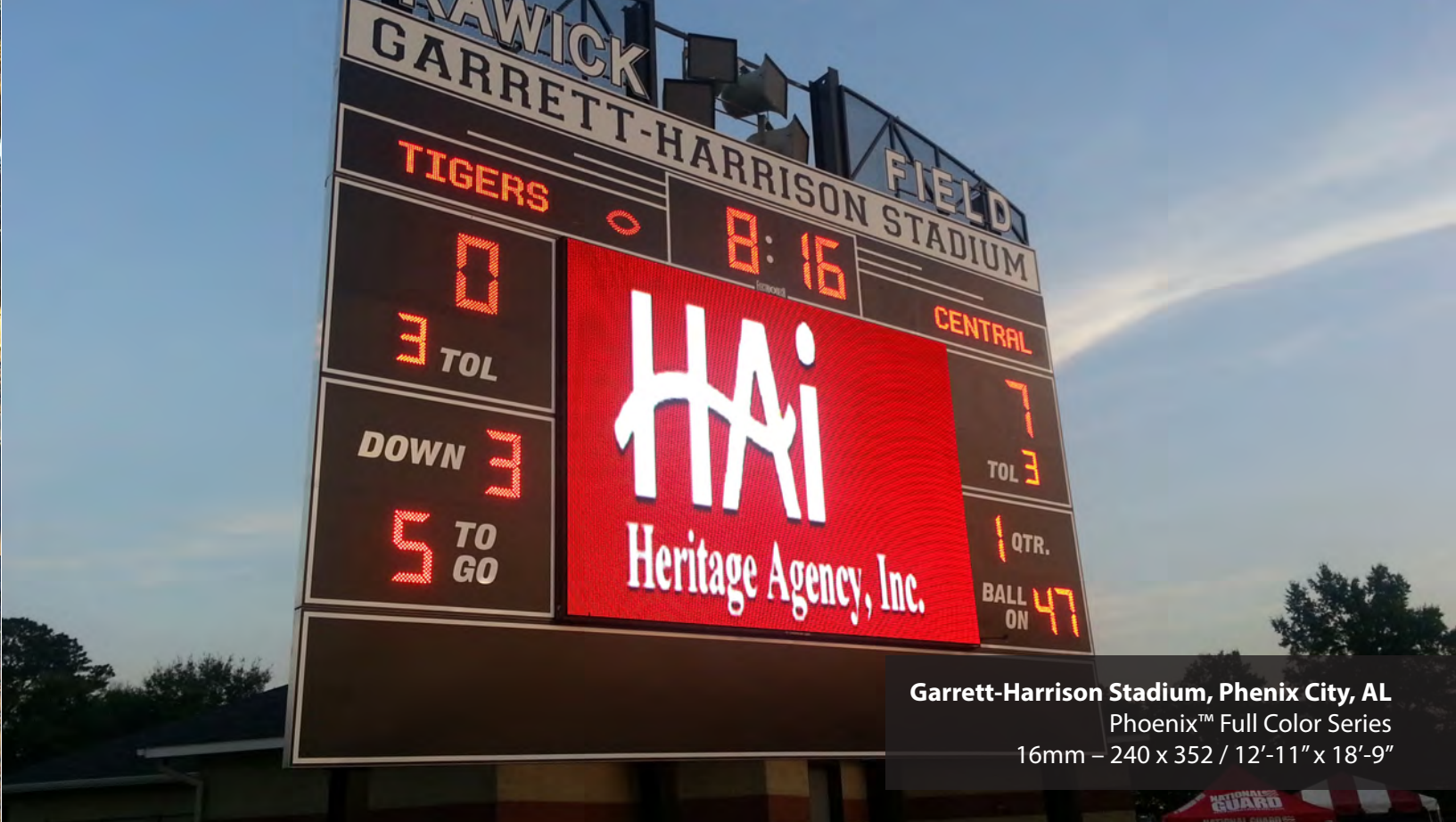
Garrett-Harrison Stadium, Phenix City, AL
Phoenix™ Full Color Series
16mm – 240 x 352 / 12'-11" x 18'-9"

Medical

Medical facilities, doctors, nurses and professionals provide essential services to the community. From large hospitals, to small private practices, outdoor digital signage helps to support these organizations to promote health awareness and life-saving services for the community.

- **BE A BIGGER PART OF THE COMMUNITY:** Keeping up with important health and preventative measures is not always top of mind for the public. We have a proven track record of reliability and functionality for healthcare organizations across the country using our cloud-based SM Infinity™ software. Better outreach to the community means more patients who can take advantage of services they may have not otherwise known.

- **EASY IMMEDIATE ACCESS:** Getting important information out to the public quickly and clearly is critical. All of our software options support immediate messaging at anytime, and our cloud-based software supports communications from anywhere in the world via the internet 24/7. Additionally, it supports a fully automatic emergency alert system tied directly to FEMA's IPAWS (Integrated Public Alert Warning System) service for amber/silver alerts, severe weather, and local/regional/state/federal safety alerts. This feature automatically displays the alerts and does not require any manual data entry which can cause delays or incorrect information.

- **SIMPLE SECURED COMMUNICATIONS:** Whether you need to use fiber optic, ethernet, wireless, or cellular data - our system can flex to suit your location's needs. Connect with the sign over a secured network with permission based and controlled access allowing individuals to collaborate on content.

- **FLEX240 ADAPTS TO YOUR NEEDS:** We understand your business needs change rapidly, and the FLEX240 can go with the flow for whatever you need. Fast lead times, rugged engineering, upgradeable future proofed technology which allows you to change the display to a tighter pitch or larger size if you business needs require something different down the road. We're here for whatever your needs are now or years down the line.

Events and Venues

Stadiums, arenas, sports venues, and special events all require a reliable and robust high performance product. Whether it's pre-programmed content, live video, or advertisements, the image must be crisp, clear, fluid and spectacular. We offer a full line of reliable solutions for any application.

- **HIGH QUALITY PERFORMANCE:** Your content is only as good as the hardware that drives it. Our hardware supports high resolution video while maintaining a high refresh rate and industry leading FPS/scan lines. We use high quality LEDs that provide a bright picture day or night, with specialized louvers that increase the color contrast, saturation, and vibrancy of the display.

- **VIRTUAL RESOLUTION:** Our product utilizes virtual pixel technology to enhance the quality of the display image by natively accepting content at double the resolution. The extra content data is then used to smooth curves by sharing pixels on the display, providing a cleaner and enhanced image or more fluid video.

- **LIVE VIDEO AND STAGED CONTENT:** Our turn key live video solution allows operators to push live video and audio from any source to the display. Using our LightSpeed Live™ software, they can also switch between the live video sources, DVD/Blu-ray sources, and pre-created media with a simple click of the mouse. LightSpeed Live™ also supports scheduling for pre-and-post event content.

- **FLEX240 ADAPTS TO YOUR NEEDS:** We offer pitches for any viewing application, from super tight 5mm displays to larger 10-24mm displays in our standard product line. We also offer modular solutions for live stage or mobile display solutions. All with our guaranteed low-power engineering. While we provide multiple software options like SM Infinity™ for cloud-based control, LightSpeed™ series for local event, advertising, and scheduling, we can also provide custom software solutions with our talented development team.

- **DELIVER YOUR BEST:** We've worked with some of the largest event producers in the world to build and deliver outdoor digital signage solutions that inspire and capture the audience. Bring us your idea, and we'll make it a spectacular reality.

- **RELIABILITY:** Add additional redundancies to the system, including power, data, communications, and control systems with full diagnostics and redundant components to ensure the show goes on without a hitch.

SM Infinity™

sm∞

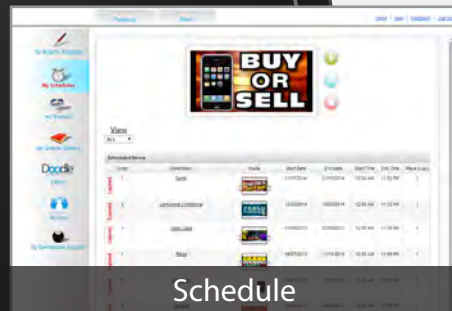cloudware for digital advertising

We Believe Simple Works.

Control Your LED Signs from Any Device.
Anytime. Anywhere…with SM Infinity™

Login Screen

Schedule

Graphic Library

What is it? SM Infinity™ is cloud-based software.

It resides on a central server that your client can access through a secure Internet connection. There is no software to load, no CDs to keep track of, and you're always using the latest version , plus all your content is organized securely online and backed up daily.

How do I use it? Internet Web Access or Mobile

Simply login securely at www.sminfinity.com and start controlling the LED sign from any PC or Mac connected to the internet, or simply launch the app on an iPad or iPad mini, or use any other mobile tablet via its internet browser.

Is it better? Compared to local software

Most operating software restricted to one computer via a verification code or a dongle key and demands the client to learn the software, be the graphic artist, and send messages with little to no help. Our software allows multiple permission-based users who can operate the sign from any computer.

What makes it different? Personalized Content Creation

SM Infinity™ is the only software to have the personal attention of professional graphic designers standing by via an integrated request form to create custom dynamic content specifically for your LED sign, or use Doodle™, our online message editor for a quick message, or upload any graphics/animations you created.

### *Good vs Bad Content* The benefits of content creation from SM Infinity™

Digital signage can quickly become ineffective if the content is not designed right, because well-designed content means a better brand image which converts into more traffic and more sales; **a more positive return on investment from the LED sign**...and a good referral for the dealer. There is a lot that goes into selecting the colors, animations, fonts, and images that work best for your display.

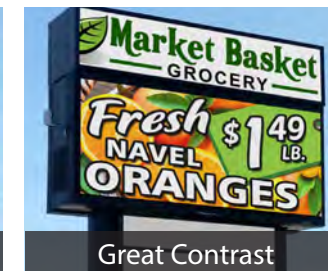Effective and dynamic content consists of:
   PROPER SIZE: Content created specifically for the LED display matrix vs stretching out stock graphics.
   AD COPY: Concise and effective copy that quickly conveys the message or a call to action.
   COLORS: Pleasing and complementary colors along with subtle motion to attract attention.
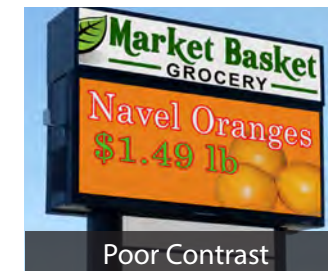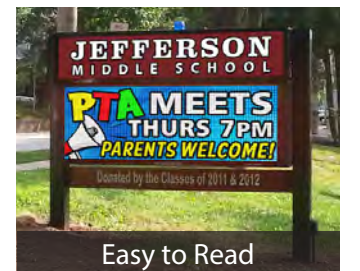
Poor Contrast   Great Contrast

Too Much Copy   Easy to Read

Vibrant colors that contrast well makes the message more readable. A more enticing product photo evokes a more positive response.

Concise copy and contrasting colors makes the message more eye-catching.

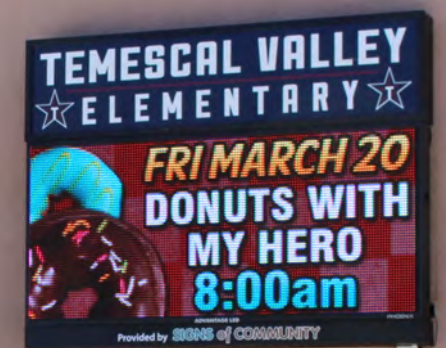**Temescal Valley Elementary, Corona, CA**
Phoenix™ Full Color Series - 16mm - 64 x 144 / 3'-8" x 7'-10"
Professional content personally created for
Temescal Valley by the graphic team at SM Infinity™
Sign provided by Signs of Community
*(www.signsofcommunity.com)*

SOFTWARE

The Cloud is Beautiful.

Everytime you login, you are always using the latest version, plus, we can seamlessly add great new features.

Reporting

Knowing what, when, and how long each advertisement plays on the display is critical information for anyone using an LED sign for third party advertising. SM Infinity can generate multiple types of reports, all exportable to CSV file format for easy customization with the clients existing billing and proof of performance practices.
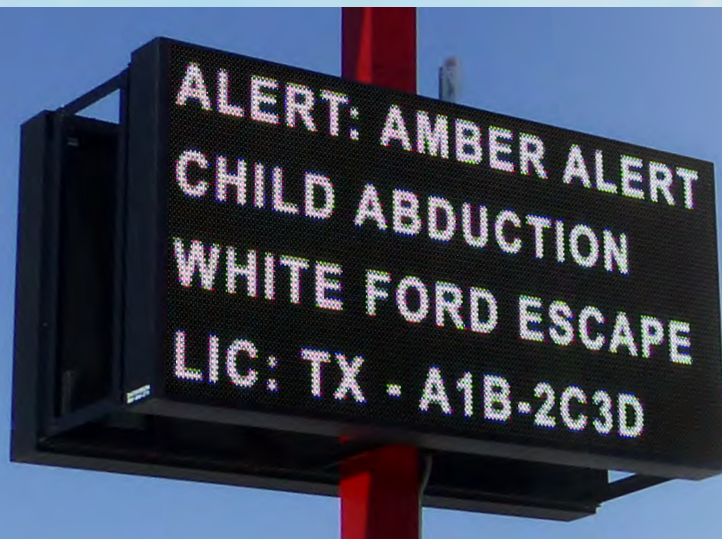
Emergency Alerts

Our **Emergency Alert System** can help your client be part of the community and help the local municipalities. Enabling this feature is simple, and the LED sign will automatically display severe weather alerts, amber alerts, and federal alerts integrated with IPAWS (Integrated Public Alert & Warning System) managed by FEMA (www.fema.gov/IPAWS).

Conditional Messaging

Help your client stay ahead of the competition with Conditional Messaging. By setting conditions, they can trigger specific messages. For example, if the temperature rises above 90, the display will automatically advertise cold drinks for sale.

Doodle™: Online Message Editor

Anytime, Anywhere message creation gives you a quick message that can deliver quick results.

Online Message Editor

With Doodle™ you can create messages on the fly from the Web or with an iPad.
Your client can create & send custom messages fast, like a quick birthday, an instant sale, or newly arrived inventory. They can pick a background color or import an image, overlay text, and send it instantly to their LED sign. Anytime. Anywhere
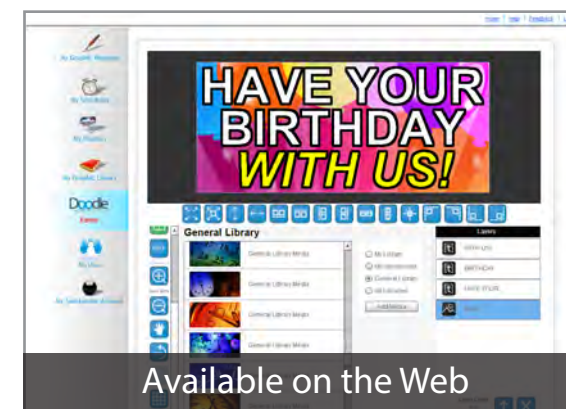
Available on the Web   Or the iPad

- **LED Sign Friendly:** Standard fonts designed to maximize readability are included, along with text outline settings to make the message pop.
- **Overlay Text on Images or Video:** Grab attention with colorful background images, and moving video files to support the message and turn heads.
- **RSS Weather and News Feeds:** Keep the content relevant with live data from the web using RSS technology.
- **Easy to Use Animated Effects:** Enhance the message with movement using our easy to use animated effects feature.
- **Advanced Effects and Blend Modes Available:** Additional effects and image blending features are available to add even more dynamic power to the content.

Anytime. Anywhere. ...Truly.

Download the SM Infinity™ App for the iPad and have complete flexibility to control your LED Sign.

Do you have an app for that?

An amazing "Yes." The SM Infinity™ App was built to give your client complete control of their LED sign while fitting naturally in their routine. No longer are they locked down to a office desktop, or opening their laptop, or having to wait to complete any task regarding their on-premise advertising. They have control anytime from anywhere.

- **Intuitive Controls:** get to anywhere within 10 clicks. Easy-to-use and operate from any iPad or iPad Mini.
- **Powerful Conditional Messaging:** pre-program your sign to respond to changes in weather, temperature, or other events to automatically change content.
- **RSS Feeds:** Use standard weather reports or add a custom feed for live updates on your sign.
- **Easy Content Creation Tool:** with Doodle™ Online Message Editor, use complex features through a simple interface to deliver concise and quick content.
- **IPAWS:** Integrated Public Alert Warning System is built-in to our app allowing automated emergency notifications through FEMA's IPAWS system. When enabled, the display will automatically show emergency weather, amber/silver, local/regional/stage/federal alerts. No manual entry required so the alerts reach the community in a timely and effective manner.
- **Custom Services:** need help making the display look amazing? Lean on our professional content creators for assistance through the graphic request portal built-in to the app.
- **Voice Dictation:** no need to type in graphic requests when you can dictate whatever you want the system to show.
- **Fast Display Info:** check the status of your display(s) quickly and easily.

Available on the App Store

Cloudware vs. Software

| FEATURES	SM Infinity™ cloudware for digital advertising	OTHERS
Automated LED Sign Control	**Automatic** Conditional Messaging: Set conditions for specific messages. Extremely hot outside? Automatically advertise cold drinks.	**Manual** Complete manual programming. No conditional options. Requires a "best guess" when scheduling.
Accessible LED Sign Control & Online Backup	**Accessible** Anytime, anywhere access to LED sign from any internet connected PC, Mac, or Mobile Device. All content saved online and at the sign, no worries about lost data.	**Restrictive** Control only available at the computer/office. If the PC is damaged, the content and schedules are lost and new software has to be obtained.
User Control	**Built In** Easy to create new users with set privileges to control access.	**Local PC Only** Multiple licenses have to be purchased for each PC with no control over privileges/access levels.
Updates	**Easy** With cloudware, you're always using the latest version.	**Difficult** Updates may require a call to the rep to download or get a new CD mailed out and then installed.
Features	**Reliable Online Info** RSS Feeds - Accurate temperature and weather data for the area from trusted online weather stations. - Ability to link to real-time live information.	**Potential Hardware Errors** Temperature info from a temp probe which may be off by as much as 10 degrees. No live information, limited new features added. No RSS or other online feeds/information.
Alerts	**IPAWS READY** Integrated Public Alert Warning System from FEMA. Automatic Amber/Silver alerts - warnings for local, regional, state, and federal emergencies direct from the authorities.	**Manual Alerts** Any alerts have to be manually entered, scheduled, and sent to the display wasting precious time and potentially providing outdated information to the public.
Content Options	**Comprehensive** Professional Custom Content services available to create personalized and properly sized content specific to the end user's organization.	**Incomplete** Stock library of pre-sized generic content stretched to fit your sign. No solution for branding, specific sales, or community outreach.

Spencer Animal Hospital, Pasadena, TX
Phoenix™ Full Color Series
25mm – 40 x 104 / 3'-7" x 8'-10"

LIGHTSPEED
LOCAL MEDIA SOFTWARE

LightSpeed™ Media Software is our local operating software that loads directly on the PC operating the LED display. This powerful yet simple software provides a host of tools to simply create, schedule, and deliver content to their LED display. LightSpeed™ was developed to be the best of both worlds: user-friendly enough for the small business owner and feature-rich enough for the tech savvy marketing guru. By design, it is a breeze to install, and your clients can start sending messages to their display within minutes.
You can:

- Use all Windows fonts & International languages.
- Schedule messages from specific dates, individual days to years in advance.
- Use our Hot Button feature to send out a quick or important message within seconds.
- Overlay text, time, or temperature over a graphic or video instantly.
- Place the Time & Temperature function anywhere on the display.
- Upload pre-created graphics or videos made from any third party software.
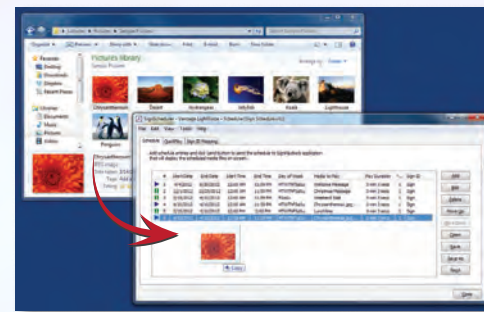
Drag and Drop
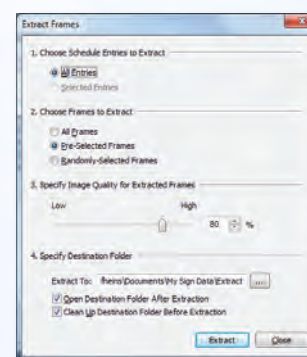Picture or Video straight into the scheduler

Easy to Navigate User Interface
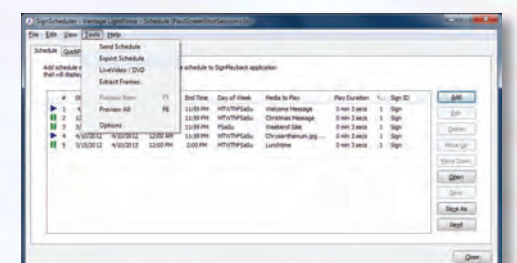All in One combined Scheduler &
Content Creator
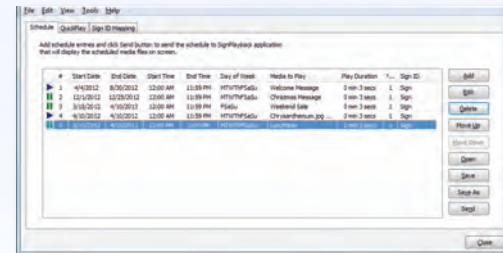
Edit Multiple Schedule Entries
Play or Pause, Date & Time, Duration

Vast Array of File Types
(jpg, bmp, mov, swf, mpg, wmv, avi)

Frame Extractor
Extract still images from a movie to use as
backgrounds for your messages.

Complete Schedule Export
Versatility & portability to work away from
the display. Import the schedule to the
sending computer for final send

Live Video
(optional add on)
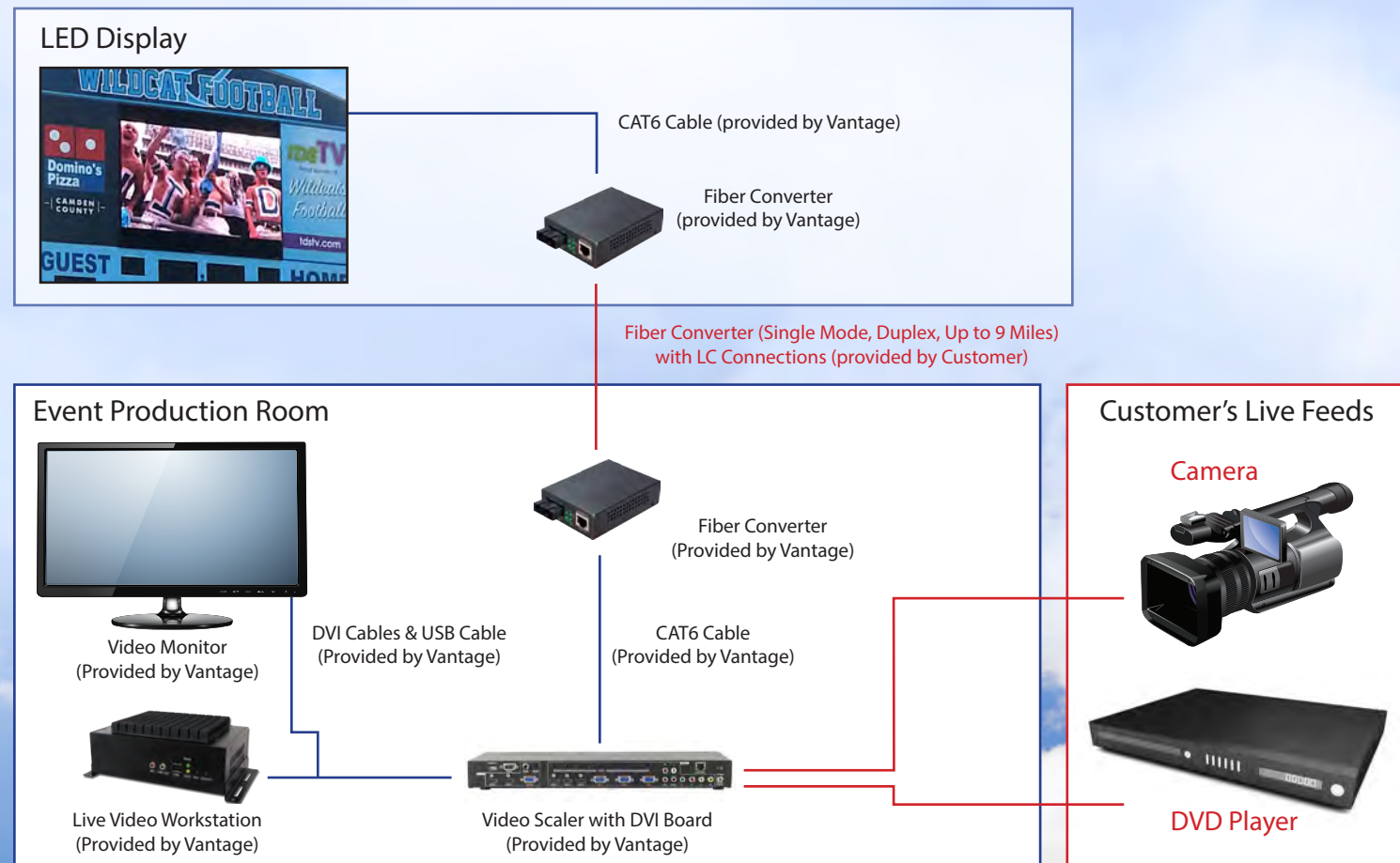
LIGHTSPEED LIVE
EVENT SOFTWARE

LightSpeed Live™ Event Software brings any venue to life by commanding live video, advertisements, and quick action content to your video display with a simple and open interface with exclusive features like:

ACTION ON THE DISPLAY…Establish different layouts (or zones) to display the desired content, like live camera action and advertisements at the same time. Simply, plug in a Blu-ray/DVD player to display videos, movies, or commercials.

INTEGRATED SCALER CONTROLS…(a separate component that scales input from cameras, video players, etc to fit on your display). All interactive buttons for the Scaler have been implemented into the software, which allows accurate and quicker control; the user only needs to point and click on the computer screen.

REVENUE GENERATING ADVERTISEMENTS…The Sign Scheduler allows the customer to create a playlist of advertisements that can be scheduled for Pre-Game, During the Game, and Post Game

INSTANT ACTION WITH HOT BUTTONS Hot Buttons on the screen shows recognizable thumbnails of all quick action content, like "TOUCHDOWN!" or "ITS GOOD!", which are easily initiated with one click. It interrupts the current schedule, but once completed, **the schedule resumes in the same spot** instead of going back to the top of the playlist and starting over and missing any advertisements.

LED Display

CAT6 Cable (provided by Vantage)

Fiber Converter
(provided by Vantage)

Fiber Converter (Single Mode, Duplex, Up to 9 Miles)
with LC Connections (provided by Customer)

Event Production Room

Video Monitor
(Provided by Vantage)

DVI Cables & USB Cable
(Provided by Vantage)

Fiber Converter
(Provided by Vantage)

CAT6 Cable
(Provided by Vantage)

Live Video Workstation
(Provided by Vantage)

Video Scaler with DVI Board
(Provided by Vantage)

Customer's Live Feeds

Camera

DVD Player

Quick Action Content Buttons

Pre/During/Post Event Playlists

Live Outside Feeds

Piqua High School, Piqua, OH
Phoenix™ Full Color Series, 16mm – 192 x 576 / 10'-4" x 30'-6"
"I handle all aspects of the live video, the advertisements, and the announcements for our live video scoreboard. I command the cameras and the Hot Buttons to showcase the animated files that happen during the game. I find it so easy, that I wish we had it installed in our grand stand, instead of the press box, so I could talk more with my friends as I operate the video display."
- Melanie R., High School Senior in Georgia

Engineered Cabinet

Designed and built in the USA to ensure strength and weatherability.
- Extruded aluminum construction with steel supports to minimize weight while maximizing strength.
- Industry Proven Powder Coat, or use our custom Dragon Skin coating available on request.
- Borderless construction to improve installation options and maximize square footage. Custom boarders available on request.
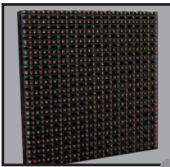
LED Modules

Tiles of high quality LED's that connect together to create the display area.
- Deflective louver system shade LEDs & increase contrast
- Two half-turn connection points for easy front access & serviceability for faster repairs and less downtime.
- Neoprene seals adjust to weather & do not crack ensuring longer performance.

Power Supplies

Converts AC power to DC power.
- Conformal coating protects from corrosion & oxidation and increases its durability by 25%
- Voltage and temperature safeguards mean fewer service issues, and longer lasting systems.

Darwin™ Control Unit
Powerful Intel-Based PC Controller
- Solid state hard drive for greater reliability
- Can integrate with audio or live video or custom applications
- Auto backup of content on the cloud with SM Infinity™

Wireless Radios
Secure transmission using paired devices at the building and sign.
- Pre-configured at the factory to plug n play
- Allows more freedom in choosing where to install LED sign
- No trenching for a data cable through parking lots or sidewalks

Continuous Steel Angle
High strength steel used to mount the display to any structure.
- 3/16" thick steel allows mounting anywhere as oppose to clips
- Located along top and bottom edges to support a variety of connection points.
- Angle is inset from the edge to help hide fasteners

Power Connection
Pre wired for 120 VAC or 240 VAC.
- External power whip provided for easy hookup
- Power requirements clearly documented and labeled.

Master/Slave Connection
Mirrors the content from the master side to the slave side.

Internal Exhaust Fans
Regulates temperature and eliminates moisture inside display.
- Fans only turn on when it gets hot and turn off when desired temp is achieved
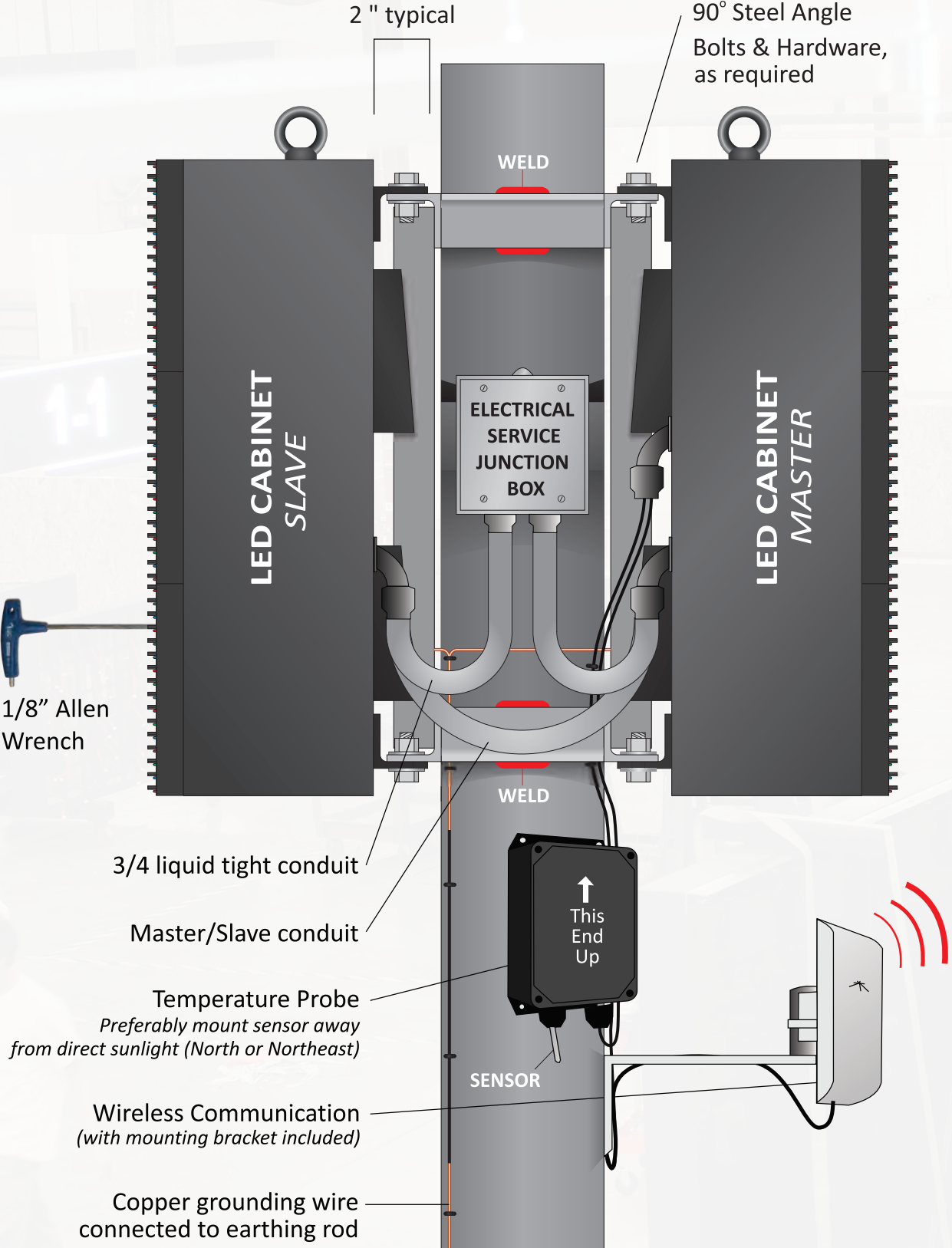- This helps reduce corrosion making the components last longer

Marks of Safety, Care, and Pride
- ETL certified & tested to be safely operated outside
- RoHS compliance means Restriction of Hazardous Substances
- **Designed, Engineered, and Built with pride in the USA**

Typical Installation & Mounting Diagram

2 " typical

90° Steel Angle

Bolts & Hardware, as required

WELD

ELECTRICAL SERVICE JUNCTION BOX

LED CABINET *SLAVE*

LED CABINET *MASTER*

1/8" Allen Wrench

3/4 liquid tight conduit

Master/Slave conduit

Temperature Probe
Preferably mount sensor away from direct sunlight (North or Northeast)

Wireless Communication
(with mounting bracket included)

Copper grounding wire connected to earthing rod

WELD

This End Up

SENSOR

	Length	6'-3 ⁹⁄₁₆" (1920mm)	7'-1 ¹⁄₁₆" (2160mm)	7'-10 ½" (2400mm)	8'-7 ¹⁵⁄₁₆" (2640mm)	9'-5 ⅜" (2880mm)	10'-2 ¹³⁄₁₆" (3120mm)
Height	**Pitch**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**
3'-1 ¹³⁄₁₆" (960mm)	5mm	192 x 384	192 x 432	192 x 480	192 x 528	192 x 576	192 x 624
	6mm	160 x 320	160 x 360	160 x 400	160 x 440	160 x 480	160 x 520
	8mm	120 x 240	120 x 270	120 x 300	120 x 330	120 x 360	120 x 390
	10mm	96 x 192	96 x 216	96 x 240	96 x 264	96 x 288	96 x 312
	12mm	80 x 160	80 x 180	80 x 200	80 x 220	80 x 240	80 x 260
	16mm	60 x 120	60 x 135	60 x 150	60 x 165	60 x 180	60 x 195
	20mm	48 x 96	48 x 108	48 x 120	48 x 132	48 x 144	48 x 156
	24mm	40 x 80	40 x 90	40 x 100	40 x 110	40 x 120	40 x 130
Height	**Pitch**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**
3'-11 ¼" (1200mm)	5mm	240 x 384	240 x 432	240 x 480	240 x 528	240 x 576	240 x 624
	6mm	200 x 320	200 x 360	200 x 400	200 x 440	200 x 480	200 x 520
	8mm	150 x 240	150 x 270	150 x 300	150 x 330	150 x 360	150 x 390
	10mm	120 x 192	120 x 216	120 x 240	120 x 264	120 x 288	120 x 312
	12mm	100 x 160	100 x 180	100 x 200	100 x 220	100 x 240	100 x 260
	16mm	75 x 120	75 x 135	75 x 150	75 x 165	75 x 180	75 x 195
	20mm	60 x 96	60 x 108	60 x 120	60 x 132	60 x 144	60 x 156
	24mm	50 x 80	50 x 90	50 x 100	50 x 110	50 x 120	50 x 130
Height	**Pitch**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**
4'-8 ¹¹⁄₁₆" (1440mm)	5mm	288 x 384	288 x 432	288 x 480	288 x 528	288 x 576	288 x 624
	6mm	240 x 320	240 x 360	240 x 400	240 x 440	240 x 480	240 x 520
	8mm	180 x 240	180 x 270	180 x 300	180 x 330	180 x 360	180 x 390
	10mm	144 x 192	144 x 216	144 x 240	144 x 264	144 x 288	144 x 312
	12mm	120 x 160	120 x 180	120 x 200	120 x 220	120 x 240	120 x 260
	16mm	90 x 120	90 x 135	90 x 150	90 x 165	90 x 180	90 x 195
	20mm	72 x 96	72 x 108	72 x 120	72 x 132	72 x 144	72 x 156
	24mm	60 x 80	60 x 90	60 x 100	60 x 110	60 x 120	60 x 130
Height	**Pitch**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**
5'-6 ⅛" (1680mm)	5mm	336 x 384	336 x 432	336 x 480	336 x 528	336 x 576	336 x 624
	6mm	280 x 320	280 x 360	280 x 400	280 x 440	280 x 480	280 x 520
	8mm	210 x 240	210 x 270	210 x 300	210 x 330	210 x 360	210 x 390
	10mm	168 x 192	168 x 216	168 x 240	168 x 264	168 x 288	168 x 312
	12mm	140 x 160	140 x 180	140 x 200	140 x 220	140 x 240	140 x 260
	16mm	105 x 120	105 x 135	105 x 150	105 x 165	105 x 180	105 x 195
	20mm	84 x 96	84 x 108	84 x 120	84 x 132	84 x 144	84 x 156
	24mm	70 x 80	70 x 90	70 x 100	70 x 110	70 x 120	70 x 130
Height	**Pitch**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**	**Matrix**
6'-3 ⁹⁄₁₆" (1920mm)	5mm	384 x 384	384 x 432	384 x 480	384 x 528	384 x 576	384 x 624
	6mm	320 x 320	320 x 360	320 x 400	320 x 440	320 x 480	320 x 520
	8mm	240 x 240	240 x 270	240 x 300	240 x 330	240 x 360	240 x 390
	10mm	192 x 192	192 x 216	192 x 240	192 x 264	192 x 288	192 x 312
	12mm	160 x 160	160 x 180	160 x 200	160 x 220	160 x 240	160 x 260
	16mm	120 x 120	120 x 135	120 x 150	120 x 165	120 x 180	120 x 195
	20mm	96 x 96	96 x 108	96 x 120	96 x 132	96 x 144	96 x 156
	24mm	80 x 80	80 x 90	80 x 100	80 x 110	80 x 120	80 x 130

Why Vantage LED is Different from other Manufacturers.

FEATURES	VANTAGE LED	OTHERS
Cloudware vs. Software	**Online** Anytime, Anywhere Access from any internet connected device. Content & Schedules stored securely online. Multiple Users. Seamless updates.	**Local** Strictly PC-Based & only one user. If the PC is damaged or the software is lost, the sign is not accessible.
Terms & Deposit	**Great Flexible Terms** Up to 180 day terms and as low as 30% deposit. Better cash flow options for dealers and help building credit for their business to grow as sales increase.	**Limited Terms** 50% deposit and (sometimes) 30 day terms. Very little flexibility with financing options and little-to-no assistance in building dealer's business as sales increase.
Flexible, Future-Proofed System Build	**FLEX240 Future-Proofed** A client can easily upgrade their Flex240 display from the pitch purchased to a tighter pitch later on.	**Sale Is Final** No option to change out modules and system components to a tighter pitch or newer technology.
Versatile Control System	**Industrial PC (IPC)** An Intel Based Industrial PC ensures content looks stunning on the display while allowing the end-user to upgrade the technology to include new options down the road.	**Embedded Control Boards** don't allow for easy upgrades or easy integration with new technology. Most systems cannot be upgraded, but will cost nearly 1/3 of the display's original price if available.
Energy Efficiency	**Low Power** Lower power doesn't just help the environment, it helps save money. Plus it provides clients the option to integrate solar technology.	**Energy "Efficient"** Even the most energy efficient systems still have a high cost to operate and can't easily integrate alternative power sources. Energy efficient isn't always a savings. Check the numbers!
Strong Warranty	**Comprehensive Warranty** Up to 7 years parts and on-site service, insured through a strong third party guarantor. The warranty and service is insured and covered regardless of the manufacturer's status.	**Standard Warranty** 5 years on parts with the option to have on-site service "promised" by the manufacturer. If the manufacturer goes out of business, the warranty is voided.
Partnership	**Power of Partnership** Co-branded marketing materials, website assets, collaboration on sales efforts, shared tradeshow booths, total partnership and support to grow dealer's business.	**Just Another Vendor** No cobranded marketing materials, no sharing on tradeshow costs, little-to-no collaboration to grow dealer's business. A vendor sells them product, but doesn't help them grow their business.

Sales Team

SM Infinity Development Team

Support Team

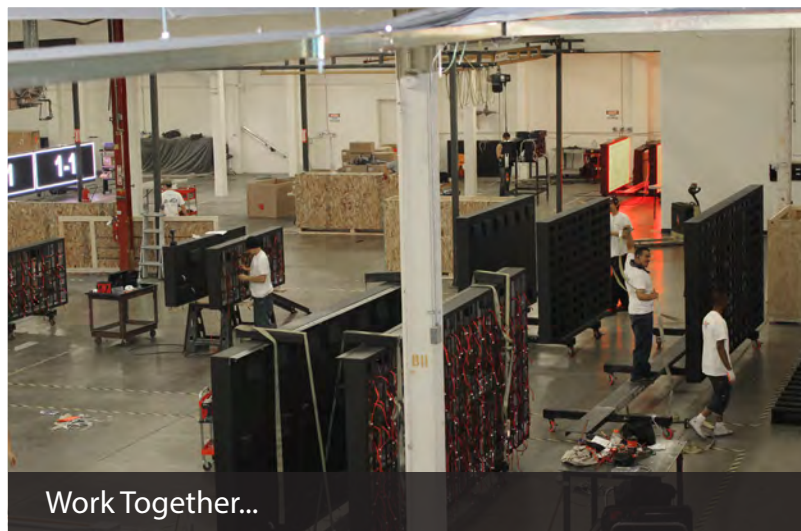Marketing Team

SM Infinity Design Team

Technical Design Team

Work Together...

Eat Together.

Welcome to the Team.

Never An Ordinary Experience

VANTAGE LED

Innovative LED Displays

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VantageLED.com

Never An Ordinary Experience.

Innovation

Strength

Integrity

Teamwork