



## CAPABILITIES STATEMENT

**Vanguard** manufactures leading edge TAA compliant LED video displays and support services to defense, aerospace and federal agencies.

**Vanguard LED Displays** is an American owned and based company. As Americans, we share common values of integrity and being forthright and trustworthy. Responsiveness, timely communication and stellar customer service are our core values ensuring flawless execution. Vanguard provides expert advice at the outset of a project, timely quotes, the quickest turn-around time in the industry, helpful CADs and electrical drawings, professional commissioning, proficient on-site training and after sales service that you can count on.

**Vanguard LED Displays, as our name implies**, is always at the forefront of industry leading new technologies in the LED video display industry. We invented the 16:9 native aspect ratio Rhodium cabinet. Our **TAA compliant** fine pixel pitch **Axion Series** was awarded “**Best in Show**” in the “**Fine Pixel Pitch**” LED video display category at **InfoComm 2018**, beating every other fine pixel pitch manufacturer in the world!

**Vanguard's TAA compliant Chromium True Chip-ON- Board (COB) P0.9**, utilizing cutting edge technology, featuring the ability to create stable displays below pixel pitch one (1), unparalleled reliability and durability won "**Best In Show**" at **InfoComm 2019**.

Our stout **TAA compliant Tungsten Series** features a protective epoxy resin covering that results in a highly impact resistant LED display. The **Tungsten Series** features edge protection and super-fast connectors that allow for one (1) person installation.

**Vanguard's TAA compliant** LED video displays can transform military related sites into highly effective, productive, collaborative spaces using Vanguard's leading-edge LED technology.

**Vanguard** has invented the **Terbium Series**, a ground-breaking 8.2' diameter LED dome for the simulation industry. Available in P1.25, P1.56 and P1.8 these domes made from contiguous LED panels, create seamless, highly detailed images. Dealing with multiple, finicky projectors vulnerable to ambient light is a thing of the past!

Our LCD offerings of **Low Bezel LCD Displays** Video Wall Solutions and **LCD monitors** will be made in the U.S.A or will come from a TAA approved country.

**Vanguard** provides a five (5) year warranty and 5% spare parts. The vast majority of repairs are undertaken in Lakeland, Florida.

With heightened concern about foreign infiltration of our technical resources and command centers, **Vanguard** is proud to announce the introduction of our **Sentinel** processor which is being built in the USA.

**Vanguard “walks the walk”!** We have over 150 successful installations. We would be proud to furnish references upon request, who will attest to our impeccable customer support, technical expertise, and superior products. **Vanguard** has hired former military veterans who fully comprehend the needs and structure of the military procurement process. Vanguard is an innovative company that is prepared to invest the time, effort and creativity to develop unique projects in partnership with our clients. This approach sets **Vanguard** apart from the competition and can be an extremely valuable asset to defense, aerospace and federal agencies.

### Secure & Non-Secure TAA Compliant LED Video Display Solutions

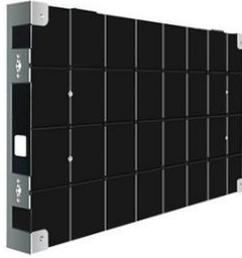
Multi-Classification Collaboration  
Simulation Training Rooms NIPR/  
SIPR/JWICS networks Mission  
Critical Environments Command  
and Control Systems Auditoriums

Large & Multi-Purpose Facilities  
Security Operations Centers  
Emergency Operations Centers  
Network Operations Centers Joint  
Operations Centers Training  
Rooms/Classrooms

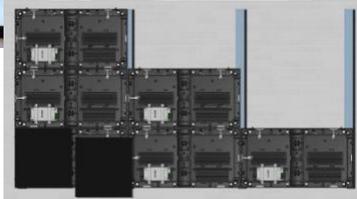
#### Contracting

- CAGE Code: 87TV0 DUNS
- Number: 07-943-4354 EIN:
- 46-2548015
- NAICS Codes: 34310, 334419
- 339950, 442299, 541330

# VANGUARD LED DISPLAYS



Vanguard's TAA approved Axion Series is the Ultimate TAA Compliant Fine Pixel Pitch Display is available in P0.94, P1.25, P1.33, P1.667, P1.875 and P2.5. It is fully front serviceable and can be either wall mounted, or wall recessed (only 2.28" deep). Magnetic LED modules make module replacement quick & easy. Vanguard Glue-on-Board epoxy resin can be added to the Axion displays creating a surface that is highly impact resistant. This would be useful in confined briefing rooms where soldiers in Web gear can easily brush against and damage an LED display.



Vanguard's TAA approved Chromium True Chip-On-Board (COB). As opposed to traditional SMD technology in COB very fine LED chips are attached directly to the PCB board and then encapsulated with a protective epoxy resin. This results in an exceptionally low failure rate of less than 10ppm. The COB technology allows for stable pixel pitches below one (1). The epoxy resin encapsulation results in a LED screen that is highly impact, humidity, dust and water resistant. Available in P0.93, P1.26, P1.58, P1.9. Vanguard will provide Common Cathode technology in conjunction with COB. Common Cathode, based on the use of a common ground, which provides voltage, as needed, to the individual chips. This reduces the heat generated by the pixels by 30%-40%.



Vanguard has invented a ground-breaking solution for the simulation industry. Available in P1.25 and P1.56 made from contiguous LED panels the Terbium Series spheres, with an 8.2' diameter, create seamless, highly detailed images. Dealing with multiple, finicky projectors vulnerable to ambient light is a thing of the past!



Vanguard LCD Video Wall Monitors are available in 1.8mm and 3.5mm bezels. Our Vanguard LCD Monitors are available in 55", 65", 75" 86" and 98". These LCD monitors will be made in the USA or a TAA country.



Vanguard Sentinel 4K All In One TAA Compliant LED Video Display Controller - Made in the USA of US and TAA Partner Country parts, the SENTINAL 4K is right at home in Command Centers and Simulation Training Labs where discernible latency is a concern.

NDIA



AVIXA



Corporate Memberships & Certifications



Vanguard LED Displays, Inc. was awarded "Best of Show two years in a row at InfoComm 2018 & 2019 for their TAA Compliant Axion and Chromium Series Videowalls, beating ALL other LED and Display Manufacturers!"

