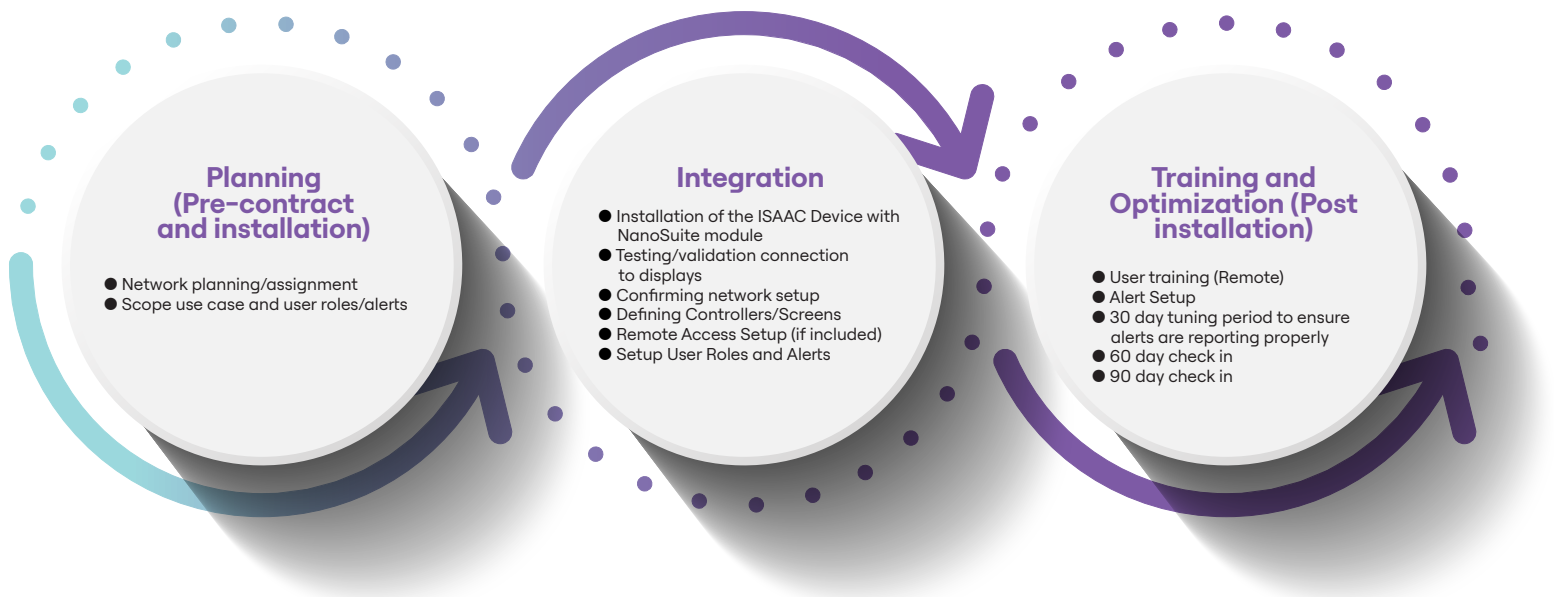# NanoSuite Onboarding
What to Expect

NANOSUITE ONBOARDING OVERVIEW

NanoSuite is a robust platform designed to support a wide range of operational needs. To help teams get up and running quickly, Nanolumens provides a structured onboarding process that includes multiple stages—from initial setup to full deployment. This approach ensures that operators receive clear guidance, training is easy to follow, and day-to-day use becomes second nature.

By walking through each step with your team and involving key stakeholders early on, the onboarding process helps ensure smooth implementation and alignment across departments.

Planning (Pre-contract and installation)
- Network planning/assignment
- Scope use case and user roles/alerts

Integration
- Installation of the ISAAC Device with NanoSuite module
- Testing/validation connection to displays
- Confirming network setup
- Defining Controllers/Screens
- Remote Access Setup (if included)
- Setup User Roles and Alerts

Training and Optimization (Post installation)
- User training (Remote)
- Alert Setup
- 30 day tuning period to ensure alerts are reporting properly
- 60 day check in
- 90 day check in

NANOSUITE OVERVIEW

NanoSuite is a software module built to work within the ISAAC® hardware platform. Within the NanoSuite module, users can monitor their Nanolumens display performance, control and schedule displays brightness, manage content, review historical performance, and troubleshoot from the single interface. NanoSuite and the ISAAC® system has the ability to work both totally local on-premises (On-Prem), via API, or through remote access.

REQUIREMENTS
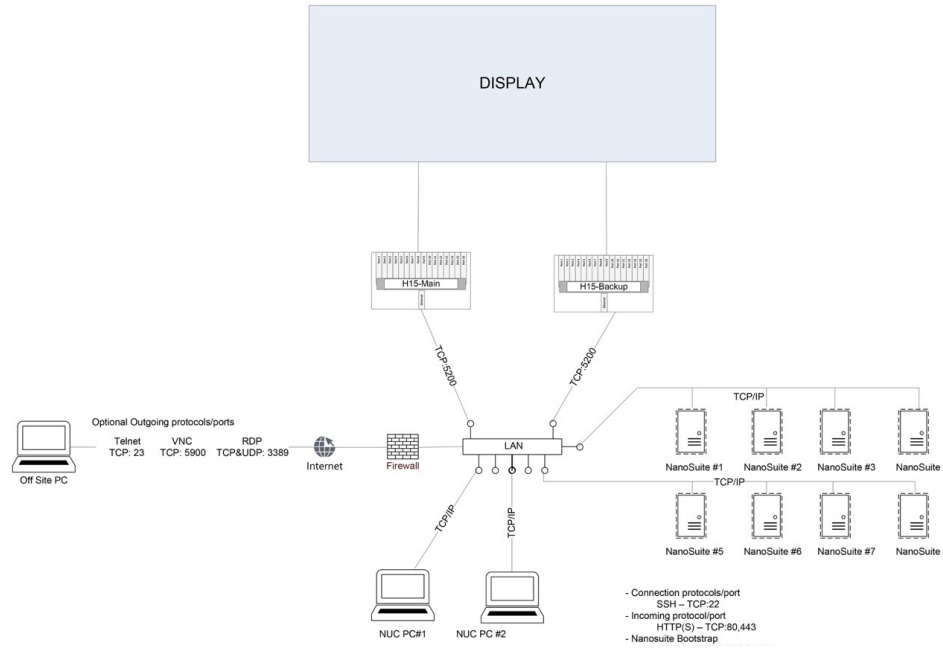
Supported Browsers

- Google Chrome (version 70 or greater)
- New Microsoft Edge
- Firefox (version 65 or greater)
- Safari (version 13 or greater)

ISAAC® Connect™ supported protocols

- SSH
- Telnet
- VNC
- Microsoft Remote Desktop

Required incoming protocols/ports

- HTTP(S) – TCP: 80, 443

Optional outgoing protocols/ports

- SSH – TCP: 22 (Default)
- Telnet – TCP: 23 (Default)
- VNC – TCP: 5900 (Default)
- RDP – TCP&UDP: 3389

API

- JSON Rest API

REMOTE ACCESS

NanoSuite and ISAAC® are designed for simplicity and flexibility. The only requirement for using NanoSuite is network access to the LED Display system. For teams needing remote access, connectivity can be easily extended from ISAAC® to the user via a VPN or similar secure networking solution. ISAAC® is built to work seamlessly with existing IT infrastructure. It fully supports IP traffic routing, allowing organizations to leverage their current networking resources without additional complexity. The ISAAC® Workspace operates over standard HTTP protocols, requiring no special firewall configurations.

Importantly, ISAAC® does not act as a proxy between users and devices hosting Control Panels. This means users must have direct network access to those devices to interact with NanoSuite modules. When setting up routing, firewalls, or VPNs, it's essential to ensure that the communication path between the client and the target device is maintained to enable full functionality.