



**Hope Industrial Systems, Inc.**  
1325 Northmeadow Pkwy, Ste 100  
Roswell, GA 30076  
(678) 762-9790  
(678) 762-9789 - Fax

## Open Position – Product Engineer

<b>Location</b>	Roswell, GA 30076
<b>Status</b>	Full Time, Employee
<b>Travel</b>	No travel required
<b>Salary</b>	Based on experience
<b>Contact</b>	Hope Industrial Systems, Inc.

### Position Overview

Hope Industrial Systems, Inc. (HIS) provides industrial flat panel monitors and touchscreens that have superior quality and up-to-date features relevant to industrial applications. A high-growth company in business since 2000, HIS sells thousands of monitors and touchscreens every year to companies like General Mills, Frito-Lay, Kimberly-Clark, and Georgia Pacific.

HIS is looking for a Product Engineer to join our fast-paced team. This position will assist the VP of Engineering with the following duties and responsibilities.

### Responsibilities

Core duties and responsibilities include the following. Other duties may be assigned.

- Assist with the mechanical engineering and design of HIS display and related products
- Writing, reviewing, and optimizing production procedures
- Evaluate and recommend LCD modules, LCD controllers, touchscreen sensors/controllers, power supplies, and other components
- Create and execute product test plans for video controllers, touchscreen controllers, touchscreen drivers, keyboards and other peripherals
- Test and troubleshoot compatibility issues between PCs and displays, touchscreens, keyboards, and other peripherals
- Design and test products and enclosures to meet NEMA and IP environmental ratings
- Manage and execute industrial certification processes including UL, CE, RoHS, REACH, and HazLoc certifications
- Aid internal Technical Support staff with troubleshooting customer technical support issues

### Requirements

- Bachelor's degree or equivalent experience in Mechanical Engineering
- 5-10 years of product design experience, ideally with industrial products
- Efficient in Solidworks; able to design assemblies in a 3D environment. Also able to understand and interpret legacy design documentation in 2D.
- Working knowledge and understanding of the following computer technologies:

- Video signal formats and protocols: VGA (and other component signals), DVI, DisplayPort, HDMI, Composite
  - USB device and driver installation and troubleshooting
- Advanced computer-related knowledge and skills highly preferred
- Experience in a manufacturing environment; able to solve production problems and make design changes to prevent them
- Comfortable in a small company environment many times working alone to complete a project
- Organized and detail-oriented
- Strong interpersonal skills
- Excellent verbal and written communication skills
- Must possess and demonstrate excellent time management skills, organizing and planning abilities, clear setting of priorities, and strong, fact-based decision-making.

#### **Benefits**

- Competitive pay based upon experience.
- Medical, Dental, Vision, Disability, and Life Insurance Package.
- 401(k) plan with automatic 3% employer contribution.
- Flexible Spending Account.
- Paid vacation and holidays.
- Career advancement opportunities in high-growth company.
- Monday to Friday work week.
- Excellent work environment.