

# Mycronic - Applications/Process Engineer

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## Company name

Mycronic Technologies Corporation

## Job description

### Locations

Tokyo Office – Located in Chofu area

### Position / Department

Applications/Process Engineer / Assembly Solutions Division

## Summary of Position

Active alignment of lenses and sensors is the preferred method for assembling precision cameras particularly for emerging automotive applications for safety and vehicle guidance. This is a rapidly evolving and high-growth market. The Applications/Process Engineer builds the connection between customer product requirements, alignment system capabilities, and efficient production processes. This is a great opportunity to take part in this exciting and dynamic evolution of transportation.

The person in this position is responsible for the design, development and implementation of customer applications, manufacturing, and test processes for the active alignment of cameras in a production environment. As a member of the applications team, this hands-on individual will work with engineering, operations, sales and the customer to execute the following:

- Develop and refine precision manufacturing processes on customized automation machinery developed by Mycronic - AEi for active alignment of precision cameras
- Create prototype product builds, including process data collection and evaluation against detailed customer requirements.
- Provide project leadership for new machine start-up, debug and validation including Final Acceptance Test of systems with customers
- Collaborate with customers to define specifications and requirements for active alignment, develop application processes and resolve technical and design issues during machine acceptance.

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Interact with mechanical, electrical, optical, and software engineers, manufacturing and service technicians to ensure goals for schedule, functionality and budget are met.

- . Preparation of all required support documentation.

You must be self-motivated and able to complete tasks independently. You must be comfortable working with multi-national cross-functional teams, sales and customers. Clear communication /problem solving skills are essential.

### **Requirements**

- . BS in any of the following engineering disciplines (electrical, computer, software)
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Industry experience in automated manufacturing, test processes development or capital equipment (optoelectronics, semiconductor, or similar)
- . MS Office Excel proficiency including basic understanding of statistics and related data reduction tools.
- . Initiative and responsibility for successful execution of multiple tasks through all project stages

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Excellent verbal and written communication and interpersonal skills required, must be capable in business/technical communication in both Japanese and English.

- . 10%+ travel expected to support domestic and international customer sites

### **Valuable Skills**

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Some programming, machine control sequencing, and experience with PC-based control hardware including motion controllers, National Instruments I/O boards, and machine vision.

- . Familiarity with electrical control and video stream interfaces to CMOS cameras.
- . Familiarity with optics and optical test is a plus
- . Familiarity with UV-initiated adhesives is a plus

### **Email**

hr\_jp@mycronic.com