



## JOB DESCRIPTION

# System Integration Engineer

JOB TITLE	SYSTEM INTEGRATION ENGINEER	DIVISION	ENGINEERING
REPORTS TO	ENGINEERING TEAM SCRUM MASTER	FLSA STATUS	EXEMPT
DATE	09/26/2017		

### SECTION 1

## Summary of the Position

Members of the Engineering Team work to provide best-in-class data collection systems for use by internal and external users of Mandli collection products. The Engineering Team has responsibility over the design and build lifecycle of the collection hardware. As a member of the Engineering Team, you will be tasked with multi-disciplined jobs involving both mechanical and electrical functions. Assist team in the configuring, testing, and installation of company and third party hardware while insuring that it is functioning according to customer specifications.

### SECTION 2

## Primary Responsibilities

- Assist in configuring of data collection vehicles and collection equipment to achieve desired end result.
- Research improvements or replacements for current collection system components.
- Basic assembly and machining tasks.
- Test systems or software within the testing protocol.
- Assist in the configuring, testing, and installation of company hardware and production software while ensuring that it is functioning according to specifications.
- Ability to use computer applications to record, retrieve, and process data to ensure compliance with customer specifications.
- Learn and implement new types of technology and processes.
- Report and interpret user issues to determine or recommend software/hardware changes to team.
- Operate data collection systems ensuring accurate proper setup and configuration.
- Perform other related duties as assigned.

## SECTION 3

# Competencies and Key Behaviors

### Technical Expertise

- Keeps informed about changes in software, equipment, and company policies and procedures
- Uses good judgment to handle issues and problems as they arise
- Acquires and applies new skills as necessary
- Exercises good judgment

### Achieves Results

- Develops and executes plans to achieve results
- Considers financial and operational impact in decisions
- Achieves desired results

### Communication

- Logically and simply conveys ideas clearly and verbally and in writing
- Communicates information in a logical and sequential manner to aid understanding
- Ensures that regular communication occurs based on the needs of the project or the individual
- Clarifies the meaning and intent of others' communication when it is unclear
- Adjusts language to address the needs of differing audiences
- Utilizes strong listening skills to formulate direct, responsive answers to questions
- Effectively communicates complex ideas using analogies, visuals, and other techniques
- Creatively identifies and utilizes effective communication channels and methods

### Accountability

- Exhibits uncompromising ethics & integrity
- Takes responsibility for continuous learning & development
- Seeks others' feedback & identifies & acts on issues & opportunities
- Communicates effectively & utilizes active listening skills
- Acknowledges mistakes & learns from them

### Concern for Quality

- Checks accuracy of own work
- Carefully prepares materials, approaches, and resources
- Follows procedures to ensure quality output
- Uses a systematic approach to organize and track quality
- Manages competing demands while striving for quality work
- Encourages people to maintain high standards of quality and thoroughness

- Balances attention to detail with the overall timeline for completion

## **Teamwork**

- Cooperates with team members to build a spirit of unity within the team
- Fulfills commitments to other team members
- Recognizes the efforts of other team members and values individual differences
- Informs team members of important or relevant information for team success

## **SECTION 4**

### **Qualifications**

#### **Required**

- Bachelor's Degree in Mechanical or Electrical Engineering or related field
- Strong mechanical aptitude
- Familiar with shop tools and machining tools
- Familiar with computer hardware, networking, electrical circuits, and other electronic equipment
- Familiar with using various testing equipment and procedures
- Strong problem solving skills
- Works well with others(team)
- Ambitious with a strong desire to expand knowledge in varying fields of engineering

#### **Preferred**

- Experience with vehicle electrical and mechanical systems

## **SECTION 5**

### **Travel**

This position may require limited travel of less than 5% of employee's hours for travel within the United States of America.

## **SECTION 6**

### **Physical and Environmental Demands of the Position**

The physical and work demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is regularly required to use their hands, talk, and hear. The employee is frequently required to stand, walk, and sit.
- While performing the duties of this job, the employee is occasionally exposed to wet or humid conditions (non-weather); working near moving mechanical parts; outdoor weather

conditions; risk of electrical shock and vibration; moderate noise levels.

## SECTION 7

### **Disclaimer Statement**

The information contained in this job description is intended to describe the essential job functions required of those assigned to this job. It is not intended to be an exhaustive list of all accountabilities, activities, and knowledge needed to perform the job. Please note that job functions are reviewed periodically and are subject to change based upon company business need.