

# CASE STUDY

## AUGUST ELECTRONICS COLLABORATION WITH 'CUSTOMER A'

### COMPANY OVERVIEW

August Electronics is a leading contract electronics manufacturer specializing in the production and assembly of printed circuit board assemblies (PCBAs). Our focus is on delivering high-quality electronics manufacturing services to a diverse clientele.

### PROJECT BACKGROUND

Customer A, a prominent electronics business, engaged August Electronics to produce three distinct types of PCBAs. The project required enhanced security measures due to the sensitive nature of Customer A's products and their market position. Throughout the production process, we conducted two daily calls with international teams to ensure seamless communication and coordination.

### PRODUCTION & TESTING PROCESS

#### PCBA PRODUCTION:

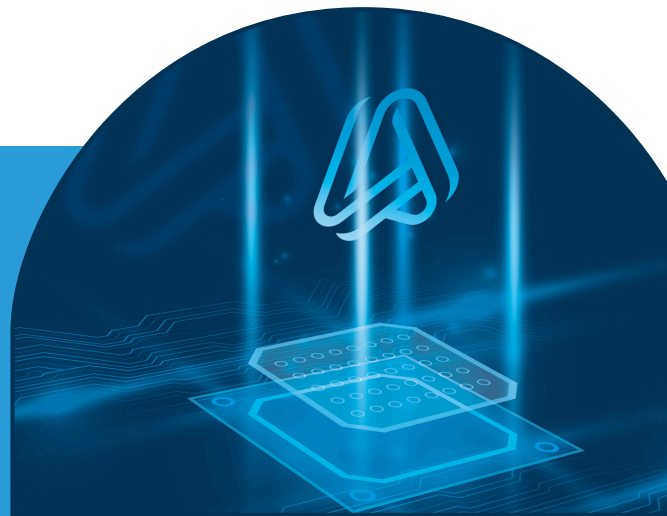
- > Variety: Three different PCBAs were produced.
- > Quality Assurance: Each PCBA underwent rigorous testing to ensure functionality and reliability.

#### MODULE ASSEMBLY AND TESTING:

- > Integration: Tested PCBAs were assembled into a module.
- > Module Testing: The assembled module was subjected to further testing to validate its performance.

#### FINAL ASSEMBLY:

- > Compilation: Modules were compiled into the final assembly.
- > Testing Chamber: The final product was a testing chamber used by Customer A to test their own devices.



### AT A GLANCE

#### Challenges

##### Security Concerns

- > Ensuring the confidentiality and security of Customer A's sensitive information.

##### Rigorous Testing Requirements

- > Meeting the stringent testing standards for PCBA's, modules and final assemblies.

##### International Coordination

- > Managing effective communication and coordination across international teams

##### Complex Assembly Process

- > Assembling multiple PCBAs into modules and final assemblies with precise accuracy.

#### Benefits

##### Enhanced Security

- > Developed and implemented robust security measures, enhancing our capability to handle sensitive projects for high-profile clients.

##### High-Quality Production

- > Delivered high-quality PCBAs and final assemblies that met rigorous testing standards.

##### Effective Communication

- > Established efficient communication channels with international teams, facilitating real-time problem-solving and decision-making.

##### Operational Excellence

- > Demonstrated operational excellence through meticulous planning, execution, and testing.

# CASE STUDY

## AUGUST ELECTRONICS COLLABORATION WITH 'CUSTOMER A'



### ANALYSIS

#### Preparation

> Thorough preparation for daily calls ensured efficient and productive meetings, allowing us to stay ahead of potential issues and keep the project on track.

#### Discernment

> Focused on identifying and addressing the key issues in the production and testing process, while filtering out less critical information.

#### Collaboration

> Managing effective communication and coordination across international teams

#### Curiosity & Flexibility

> Explored innovative solutions for enhancing security measures and improving testing protocols, driven by a commitment to excellence.

### ABOUT AUGUST ELECTRONICS

August Electronics is your premier Canadian-owned and operated partner in the world of electronic manufacturing services (EMS). We are a world-class contract manufacturing provider enabling scalable growth of your business – in both traditional and innovative industries. Bringing over 30 years of electronics experience to each and every client engagement; we become your strategic manufacturing partner, guiding you through your entire product development life cycle.

### SECURITY MEASURES

- Confidentiality: Implemented stringent measures to protect the identity and information of Customer A.
- Access Control: Restricted access to project-related information to authorized personnel only.
- Data Protection: Encrypted communication channels and secure data storage solutions were used.

### COMMUNICATION AND COLLABORATION

- Daily Calls: Conducted two daily calls with international teams to discuss progress, address challenges, and ensure alignment with project timelines.
- International Coordination: Worked closely with teams across different time zones, ensuring a 24/7 workflow.

### CONCLUSION

The case of August Electronics' collaboration with Customer A demonstrates our ability to manage complex electronics manufacturing projects while maintaining high levels of confidentiality and security. Through effective preparation, discernment, collaboration, and innovative problem-solving, we successfully delivered high-quality PCBAs and final assemblies that met Customer A's stringent requirements. This project highlights our commitment to excellence and our capability to handle sensitive and high-stakes contracts in the electronics manufacturing industry.



#### EMAIL

[sales@aeicm.com](mailto:sales@aeicm.com)

#### WEB

[www.aeicm.com](http://www.aeicm.com)

#### ADDRESS

1810 Centre Avenue NE  
Calgary, AB

#### PHONE

403-273-3131