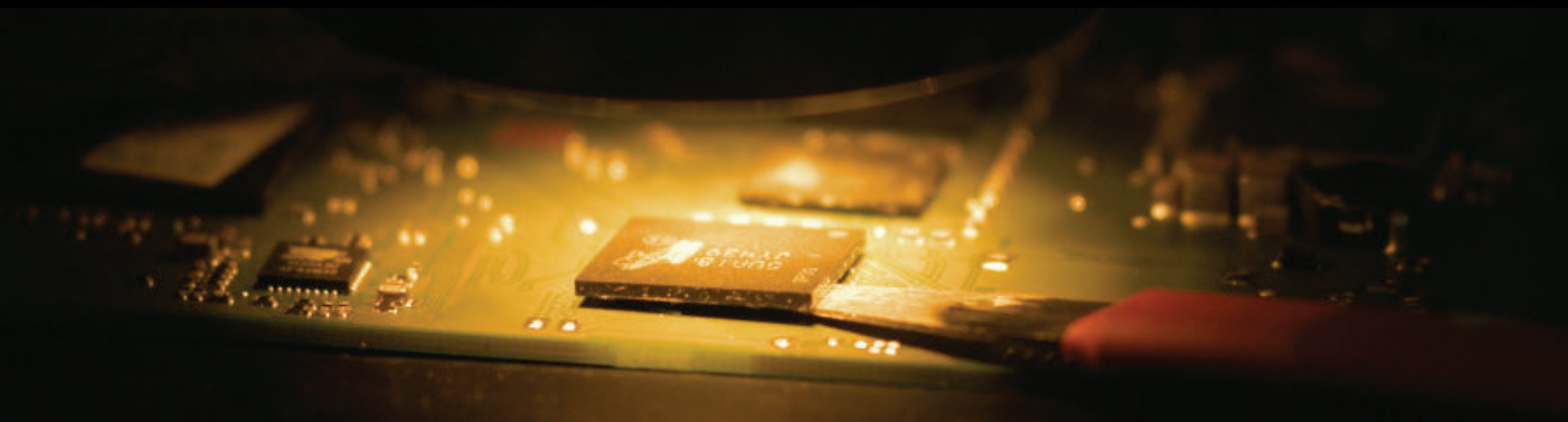




# iVe Vehicle System Forensics Chip-off Course

The 3-day course is a comprehensive, hands-on training focused on the process of identifying, removing, and reading memory chips from vehicle systems, in addition to parsing and verifying data from binary images.



## OVERVIEW

The iVe Vehicle System Forensics Chip-off training course focuses on the methodology, tools, and techniques required to remove and read memory chips from vehicle systems. It begins with hands-on instruction covering the identification of chip types, removing them from circuit boards, reading the chip data, importing and parsing binary images using iVe Software, as well as utilizing third-party software for reviewing unparsed binary images from various vehicle systems.

## PREREQUISITES

- Successful completion of the iVe Vehicle System Forensic Training Course
- Ability to manage a fast-paced technical curriculum
- A steady hand to perform tasks such as chip removal and handling of small components

## HOW TO REGISTER

Secure your spot by contacting our Training Team, via email, at [training@berla.co](mailto:training@berla.co).

## PROVIDED IN THE COURSE

During the course, students will have access to the equipment necessary to perform all practical exercises.

An equipment purchase list will also be provided, upon request.

## DAY ONE

### Introduction & Fundamentals

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#### INTRODUCTION

- Overview & Admin

#### FUNDAMENTALS

- System Architecture
- Hardware Layer

#### FUNDAMENTALS

- iVe Ecosystem
- Process
- Equipment Familiarity

#### WALKTHROUGH

- Chip-off Full Process

## DAY TWO

### Identify & Acquire

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#### IDENTIFYING CHIPS

- Chips
- Identifiers
- Structure

#### REMOVING CHIPS

- Preparation
- Chip Conditions
- Cleaning & Reballing
- Practical - Removing Chips

#### READING CHIPS

- Readers and Adapters
- Practical - Reading Chip Data
- Verifying Data

## DAY THREE

### Analysis & Pinout Mapping

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#### iVe SOFTWARE

- Import and Parse
- Analyzing Data

#### ADDITIONAL VIEWERS

- Viewing Raw Data

#### PINOUT MAPPINGS

- eMMC

#### FINAL EXAMINATION

- Course Completion Assessment