



SalvationDATA Comprehensive Training

Part I

Basic Knowledge Introduction:

•General Hard Drive Concepts

Components

Data Storage Principle

Magnetic Recording Principle

Firmware Components

•General Data Recovery Concepts

Conception

Common Causes of Data Lose

Scope of Data Recovery

Failed Hard Disk Classification

Servo Information

Conditions for Physical Data Recovery

Part II

The Course of HAP Repair

Basic Knowledge Introduction:

HDD Configuration and Characteristic:

Fundamentals of the Head and Platter Operation

Clean-room Solution

Practice & Operation

•Platter Operation

Platter Operation Feasibility

Tool for Platter Operation

Understanding Platter Swap

Positioning the platter

Single Platter Swap

Multi-Platters Swap





SalvationDATA Comprehensive Training

●On Head

Head Operation Feasibility

Tools for Head Assembly Replacements

Head Assemblies Change

Protecting Drives during Head Assembly Replacements

●On Motor

●On PCBA

PCBA Swap Feasibility

Tools for PCBA/Chipset Swapping

Heat and Temperature Infection for PCBA Operation

Part III

Questions and Answers

Conclusion

