Visual Nand Reconstructor

Chip-off Data Recovery & Digital Forensic analysis of broken flash storage devices.

Application

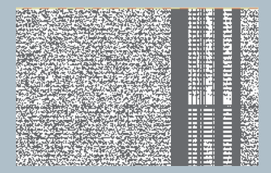
- Physical Damage
- Firmware Failure
- Electrical Damage
- Thermal Damage
- Analysis “non-addressed areas”
- Non-recognizable disk

Workflow

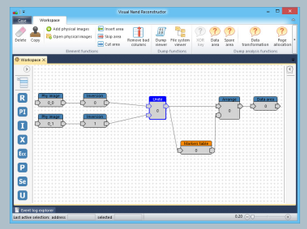
1 Put the chip into the adapter

2 Connect the adapter to the reader and press “Read memory chips.”

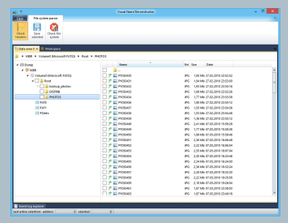
3 Binary dump file of physical image is produced



4 Rearrange the physical NAND blocks into the logical block by using VNR software



5 Full file-system structure is shown



Features

- Data recovery from broken Flash devices
- Forensic analysis of NAND physical image
- Analysis of hidden/obsolete/bad blocks of NAND memory
- Automatic analysis modes
- Largest set of adapters on market
- Powerful manual analysis and reverse engineering modes
- Unique dump viewer modes
- Support of microSD and other monolithic devices
- Flexible software conception and intuitive GUI with database
- Power adjustment for weak and mobile chips (1.8V…4.0V) separately for core and IO bus

Options

Starter Kit

TSOP48, LGA52, BGA10, BGA15, BGA15, TSOP56, BGA22, MONOLITH

Standard Kit

BGA152, BGA1002, BGA1320, BGA107, BGA137, LGA60

EMMC Adapter Kit

BGA162 EMMC, BGA169 EMMC 10×11, BGA169 EMMC 11,5×13, BGA169 EMMC 12×16, BGA169 EMMC 12×18, BGA169 EMMC 14×18, BGA186 EMMC, BGA221 EMMC

*** For further information, please visit https://rusolut.com/**

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