

# Visual Nand Reconstructor

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



**Application** 

Physical Damage



Electrical Damage



Analysis "non-addressed areas'

Nonrecognizable disk

Firmware

Firmware

Failure

Thermal

Damage

### Features

- Data recovery from broken Flash devices
- rensic analysis of NAND physical image Fo
- alysis of hidden/obsolete/bad blocks of NAND memory A
- Automatic analysis modes
- Largest set of adapters on market
- Powerful manual analysis and reverse engineering modes
- ique dump viewer modes Ur
- pport of microSD and other monolithic devices Su
- 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

## Workflow





Put the chip into the adapter





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

# Options

### **Starter Kit**





#### **Smartphone Kit**



BGA137 BGA169 eMMC 10×11 / 11.5×13 / 12×16 / 12×18/14×18

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

Full file-system structure is shown



**Standard Kit** 



BGA152 / BGA100 / BGA132

