# Research Architecture – High-Level Diagram

```text
                                        │ Arch Linux Workstation │ │ (KDE Plasma 6,
Wayland) │ │ ThinkPad T15p Gen 1 │ └─────────────────────────┘ │ │ ADB/
Fastboot, SSH ▼ ┌─────────────────────────────┐ │ Windows 10 Dual-Boot │ │
(OEM Flashing + Drivers) │ └─────────────────────────┘ │ USB/Direct ▼
┌───────────────────────────────────┐ │ Nothing Phone 3a Pro │ │ (Secure
Mobile Endpoint Testbed) │ └───────────────────────────┘ │ Wi-Fi
(VLAN-Isolated) ▼ ┌───────────────────────────┐ │ MikroTik RouterOS Network │
│ Segmented Zero-Trust LAN │ └───────────────────────┘ │ ▼
                  │ Docker Container Lab │ │ AI + Backend Services │
┌─────────────────────────┐
└─────────────────────────┘
```