TECHNICAL COMPLIANCE & VENDOR INFORMATION BRIEF

FlexBV6 — IT Security & Procurement Brief

Offline PCB Boardview & Schematic Inspection for Air-Gapped Labs, Digital Forensics, and Commercial Repair Depots

Application: FlexBV6 Desktop | **Operating Systems:** Windows, macOS, Linux | **Deployment:** Air-Gapped / Offline & Multi-Seat

1. Executive Overview

FlexBV6 is a native, read-only desktop engineering utility for inspecting printed circuit board (PCB) layouts, copper layers, nets, test points, and schematics during board-level diagnostics, hardware rework, and digital forensics. It is engineered to support restricted and network-isolated environments where cloud-tethered viewers, unvetted external servers, or full EDA design licenses on every diagnostic bench are unsuitable.

2. Information Security & Architecture Profile

Control Area	Technical Specification & Compliance Behavior
Network Footprint (No-Network Mode)	Supports strict **No-Network Security Mode**. Operates completely offline with zero outbound network traffic, zero telemetry, zero usage analytics, and no background update or cloud login checks.
Data Sovereignty & Local Storage	All boardviews, schematics, annotations, and SQLite3 job databases remain 100% local to the workstation or internal network share. No design files or metadata are ever transmitted to external servers.
Controlled File Packaging (.fbvpkg)	Engineers can bundle boardviews, schematics, and FXData diagnostic guides into self-contained **.fbvpkg** files with journalling, allowing technicians to inspect boards without direct access to master CAD repositories.
Native CAD & Format Support	Parses Altium, Allegro (binary), Mentor PADS, KiCad, Eagle, EasyEDA/EasyEDA2Pro, Gerber, IPC2581, Protel28/ASCII, GenCAD, TeboView, Compuserv, and WXJ files locally without third-party cloud conversion.
Runtime & Hardware Dependencies	Compiled native binaries for Windows, macOS, and Linux with minimal system dependencies. Requires no background system services, kernel drivers, browser wrappers, or physical USB hardware dongles.

3. Licensing, Security Vetting & Purchasing

- **Flexible Multi-Seat Deployment:** Commercial per-seat licensing with multi-seat volume tiers. Seats can be allocated and reclaimed via an online portal or activated offline for permanently air-gapped workstations.

- **Institutional Procurement:** Formal written quotes, Purchase Orders (POs), electronic funds transfer (EFT / bank transfer), and tax invoices are supported alongside standard online checkout.

> **Vendor & Procurement Contact Details**
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> **Vendor / Supplier:** PAUL LAWRENCE DANIELS | **Tax ID / ABN:** 19 500 721 806
> **Quotes, POs & Eval Keys:** support@pldaniels.com | **Website:** https://pldaniels.com/flexbv
> **Registered Address:** 42 Faull St, Grand Secret, 4820, Australia