

RELIABILITY PRO

Reliability, Maintainability & Quality Engineering Software

reliabilitypro.app | i.kunadian@reliabilitypro.app | 859-608-1730

CORE COMPETENCIES	DIFFERENTIATORS	COMPANY DATA
• Weibull and lognormal life data analysis • MTBF, MTTR, availability and RAM analysis • Accelerated life testing (Arrhenius, Coffin-Manson, Peck, inverse power law) • FMEA, FMECA, FRACAS and fault tree analysis • Reliability block diagrams, k-out-of-n, redundancy allocation • SIL / PFD verification to IEC 61508 • Statistical process control, capability, Gage R&R / MSA • Condition-based diagnostics (vibration, shock, acoustic FFT) • Life cycle cost, spares optimisation, reliability growth	• 136 validated tools in one platform, replacing several single-purpose licences • Cross-platform: web, iOS, Android — same calculation at the desk or at the asset • Offline capable on mobile for field, depot and shipboard use with no network • No per-seat server or on-premise installation required • Priced within the micro-purchase threshold — purchasable on a Government Purchase Card without competitive solicitation • Small business, direct developer support, rapid response to feature requests	UEI: TRXUUGHXY2Q9 CAGE: 230N8 SAM.gov: Active Business size: Small Socio-economic: None — small business NAICS 541511 — Custom Computer Programming 541512 — Computer Systems Design 541330 — Engineering Services 541690 — Scientific & Technical Consulting 511210 — Software Publishers PSC 7A20 — Application Software 7J20 — Software as a Service (SaaS) R425 — Engineering Support Accepts: Government Purchase Card

COMPANY OVERVIEW

Reliability Pro delivers a consolidated suite of 136 reliability, maintainability and quality engineering tools to engineers who need defensible analysis without the cost and administrative overhead of enterprise reliability suites. The platform covers the full analysis lifecycle — life data analysis, accelerated life test planning and interpretation, system reliability modelling, failure and root cause analysis, statistical process control, and design-for-reliability calculation — and runs identically in a browser and on iOS and Android devices. Mobile builds operate fully offline, which supports depot, flightline, shipboard and remote-facility use where network access is unavailable or restricted.

GOVERNMENT APPLICATIONS

- **Sustainment engineering:** RAM analysis, failure trending and maintenance interval optimisation for fielded systems
- **CBM+ and predictive maintenance:** degradation analysis, vibration and acoustic diagnostics supporting DoD CBM+ objectives
- **Acquisition support:** reliability allocation, growth tracking and demonstration test planning during development
- **Safety and mission assurance:** FMECA, fault tree analysis and SIL verification for critical systems
- **Facilities and infrastructure:** availability modelling, spares optimisation and life cycle cost analysis
- **Workforce development:** covers the calculation methods in the ASQ CRE and SMRP CMRP bodies of knowledge for engineer training

CONTRACTING INFORMATION

Annual team licences are priced below the \$15,000 federal micro-purchase threshold (FAR 2.101, effective 1 October 2025), so a warranted cardholder may purchase directly on a Government Purchase Card without competitive solicitation. Purchases above that level fall under simplified acquisition procedures up to \$350,000. Reliability Pro holds an active SAM.gov registration and is prepared to support sole-source justification, Section 508 accessibility review, and standard software licensing terms. Trial licences are available at no cost for evaluation prior to purchase.

Point of contact: Victor Kunadian • i.kunadian@reliabilitypro.app • reliabilitypro.app • UEI: TRXUUGHXY2Q9 • CAGE: 230N8