CoreFractor

TAILORED IT SERVICES & ENDPOINT SELF-HEALING PLATFORM

Enterprise Desktop Client v1.0

ENTERPRISE ENDPOINT MANAGEMENT

Instant Self-Healing & Guided IT Support at User Fingertips

CoreFractor transforms enterprise IT support by eliminating recurring helpdesk bottlenecks with one-click automated fixes, military-grade credential management, and context-aware AI triage.

60%	< 30s	256-bit
TICKET REDUCTION	FIX RESOLUTION	AES SECURITY

COMPREHENSIVE IT TOOLING & SECURITY SUITE

Windows One-Time Fixes & Performance

SELF-HEALING DIAGNOSTICS

Rapidly resolves OS performance lag, corrupt system files, and printer queue lockups with administrator safety prompts.

- **System Integrity:** SFC (`sfc /scannow`) and read-only CHKDSK scans.
- **Drive Optimization:** Intelligent SSD TRIM and HDD defragmentation.
- **Power & Network:** High-performance power profile, DNS flush, and IP renewal.
- **Print Spooler:** Instant spooler service restart to unfreeze hung print jobs.

Office Suit Apps Diagnostic Suite

OUTLOOK, WORD, EXCEL, ONEDRIVE

Automated repair actions for classic Office suite crashes, sync interruptions, and template corruptions.

- **Outlook Toolkit:** Safe Mode launcher, Navigation Pane reset, ScanPST & views.
- **Word & Excel:** Reset `Normal.dotm`, isolate `PERSONAL.XLSB` startup macros.
- **File Recovery:** Quick access to unsaved AutoRecover documents (`.asd`, `.xar`).
- **OneDrive Reset:** Restart sync client or execute official `/reset` command.

Encrypted Credential Vault

ZERO-KNOWLEDGE AES-256-GCM

Military-grade credential storage safeguarded by Master Password derivation and real-time Email 2FA verification.

- **Zero-Knowledge:** AES-256-GCM encryption; secrets never leave device unencrypted.
- **2FA OTP Verification:** SMTP-integrated 6-digit email authentication codes.
- **Password Generator:** Built-in high-entropy customized password generator.
- **Organization:** Searchable categorized vault with safe one-click copy.

Context-Aware AI Assistant

GEMINI AI + OFFLINE KNOWLEDGE BASE

Interactive troubleshooting assistant that guides users step-by-step and launches repair tools straight from conversation.

- **Hybrid Intelligence:** Live Google Gemini API or offline fallback database.
- **Direct Action Buttons:** Launches relevant repair utilities directly from chat.
- **Natural Language:** Understands user symptom descriptions in plain English.
- **Escalation Link:** Transcripts automatically packaged if escalation is needed.

Device & Asset Telemetry

ENDPOINT HARDWARE & OS INTELLIGENCE

Instant endpoint visibility providing IT support teams with complete device specifications and diagnostic snapshots.

- **System Telemetry:** Machine hostname, Windows OS build, uptime & user session.
- **Network Diagnostics:** IP addressing, active adapter configurations & gateways.
- **Storage & Memory:** Drive capacity, free space tracking, and memory metrics.
- **Browser Cleaners:** One-click cache & cookie purges for Chrome and Edge.

Automated Ticketing & Escalation

PRE-FILLED HELPDESK INTEGRATION

Seamlessly transitions unresolved issues to human Tier-2/3 support with auto-attached diagnostic payloads.

- **Auto-Generated Tickets:** Bundles hostname, username, IP & diagnostic log.
- **One-Click Email Dispatch:** Pre-populates mail client to `info@corefractor.com`.
- **Clipboard Export:** Formatted markdown/plain-text for web ticketing portals.
- **Zero Friction:** Eliminates back-and-forth user questioning for basic telemetry.

Admin Safety Shield
Explicit confirmation on all system repairs

Zero-Knowledge Privacy
Vault keys never transmitted externally

Native Windows Executable
Lightweight Electron & PowerShell architecture

Empower your workforce with CoreFractor.
Custom tailored IT management solutions designed for seamless enterprise productivity.

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Enterprise IT Support Platform
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