

## Critical Path Software: Sustainable IT with ROI Drive Compliance, Cut Costs, and Reduce Carbon — Without Changing Your Infrastructure

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1. Cost-Effective Compliance *“CPS helps your organization meet federal and state sustainability mandates—without overhauling your infrastructure.”*

U.S. companies are under pressure to comply with ESG mandates, SEC climate disclosures, and state-level legislation (e.g., California SB 261). CPS provides a low-cost, non-intrusive way to achieve measurable carbon reductions without migrating to the cloud or making costly infrastructure changes.

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2. CPU = Cost + Carbon *“Every CPU cycle you save is dollars back in your pocket—and carbon emissions off your ledger.”*

CPS’s optimization software reduces both your Monthly License Charges (MLC) and Scope 2/3 emissions by tuning mainframe workloads for maximum efficiency. Financial and environmental leaders alike benefit—without compromise.

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3. ESG Reporting Support *“TurboTune and TurboTuneSQL provide CPU and energy savings you can report as part of your Scope 2 and Scope 3 carbon reduction goals.”*

Many organizations struggle to quantify IT’s carbon footprint. CPS helps bridge that gap with reportable, defensible savings that align with internal sustainability KPIs and investor expectations.

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4. Enable Operational Sustainability *“Extend mainframe hardware life. Reduce cooling needs. Shrink your environmental footprint.”*

CPS boosts performance while lowering energy load and thermal output—extending system life and reducing the need for capital investment in new hardware. That means a smaller carbon footprint, and more predictable IT costs.

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5. Low-Lift, High-Impact *“CPS delivers fast sustainability wins—no code rewrites, no staff disruption, no cloud risk.”*

Our tools work with your existing systems—deploying quickly and producing results in as little as two weeks. No lengthy implementation cycles, and no disruption to business-critical operations.

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6. Research-Backed Impact *“CPS’s approach is backed by research from AAI, Google, and DOE-aligned initiatives showing CPU efficiency as a key lever in reducing data center carbon impact.”*

CPS’s claims are validated by independent studies:

- AAI-24 GEECO: >14% average data center carbon reduction
  - Google’s Carbon-Aware Scheduling: 30% emission improvement potential
  - DOE/EPA: Recognize CPU activity as a leading energy draw in data centers
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*“With CPS, you’re not just cutting mainframe costs—you’re gaining carbon reduction credits, extending hardware life, and staying ahead of regulatory expectations. It’s sustainable IT with ROI.”*