



Productivity and Economic Impact Study

Released portfolio, evidence base, transparent assumptions and break-even analysis

Released September 9, 2026

Decision-use version 2.0

Purpose

Evaluate whether published evidence supports a defensible model in which released Qevatrix software can reduce suitable repetitive work and release professional capacity. All Qevatrix-specific figures are scenarios, not observed customer outcomes.

1. Executive conclusion

Published evidence supports a measured proposition: generative AI and structured electronic workflows can improve the speed of selected knowledge-work and data-handling tasks. Effects vary by task, expertise, implementation and oversight. The defensible Qevatrix claim is therefore capacity release — not replacement of regulated professionals and not guaranteed savings.

The model applies 15%, 25% and 35% reductions only to repetitive work the selected software is designed to address. It values recovered time as productive capacity, deducts current published subscription prices, excludes consulting avoidance and projected revenue, and never counts the same hour twice across overlapping applications.

Current portfolio

All eight applications listed in this study are released and marked Available in the current product catalogue. DistributorOS is self-contained. ClinicalOS, EvidenceOS and StudyOS remain a connected clinical evidence suite. TrademarkOS is an external standalone Qevatrix application.

Scenario	Reduction	Interpretation
Conservative	15%	Below every published AI productivity result cited here.
Base case	25%	Close to the 25.1% speed gain observed in the 2026 consulting experiment.
High utilisation	35%	Mature adoption across several connected Qevatrix applications.

Decision rule

Use the calculator with your own staff count, administrative hours and loaded labour rate. A positive modelled ROI means the capacity value exceeds the priced subscription under those inputs; it is not a cash-saving guarantee.

2. Released applications — quality, regulatory and device operations

Application	Released scope	Capacity mechanism	Status
QualityOS	Documents, training, CAPA, complaints, audits, suppliers and management review	Replaces disconnected trackers and repeated audit-evidence assembly with controlled workflows and live records.	Available
RegulatoryOS	Submissions, registrations, change assessment, labeling, UDI and intelligence	Surfaces renewal and filing deadlines and reuses controlled device information in dossiers and assessments.	Available
DeviceOS	QualityOS and RegulatoryOS on one device record, identity and audit trail	Avoids re-keying across quality and regulatory work and saves \$9,540 per year versus both Professional plans separately.	Available bundle

What is new in this edition

- EvidenceOS is now shown as Available rather than early access.
- Current pricing replaces the earlier QualityOS and DeviceOS prices.
- Site, supplier, MDR and submission workflows are reflected in the released scope where applicable.
- The break-even section now includes StudyOS, DistributorOS and a published TrademarkOS subscription.

3. Released applications — clinical evidence suite

Application	Released scope	Capacity mechanism	Status
ClinicalOS	Protocol, EDC, CTMS, eTMF, eConsent, ePRO, monitoring and reproducible analysis	Runs clinical data and operations on one record set instead of reconciling separate systems and exports.	Available · connects with EvidenceOS and StudyOS
EvidenceOS	Device registries, outcomes, safety, analytics, PMS and PMCF evidence	Uses configurable specialty packs instead of a bespoke registry build and reuses governed data for evidence outputs.	Available · connects with ClinicalOS and StudyOS
StudyOS	Study timelines, sites, documents, monitoring, queries, follow-up and reporting	Automates missing-data, imaging and document follow-up so clinical teams spend less time chasing status.	Available · connects with ClinicalOS and EvidenceOS

Connected operating model

ClinicalOS runs the investigation and governed data capture. StudyOS coordinates studies, sites, monitoring and follow-up. EvidenceOS supports registries and longitudinal real-world evidence. Their connection reduces repeated setup and reconciliation while preserving role-based control, source traceability and human approval.

This connection is a workflow advantage, not a claim that the software itself establishes regulatory compliance. Sponsors, investigators and qualified reviewers remain accountable for approvals, safety decisions, statistical interpretation and submissions.

4. Released applications — distribution and trademark operations

Application	Released scope	Capacity mechanism	Status
DistributorOS	Contracts, catalog, accounts, cases, consignment, replenishment and commissions	Captures case usage once for billing, replenishment and commissions while surfacing readiness and inventory exceptions.	Available · standalone
TrademarkOS	Clearance, filing readiness, portfolio, monitoring and renewals	Structures searches, rationale and deadline tracking instead of rebuilding the same work across files and calendars.	Available · external standalone app

Boundary that matters

DistributorOS is intentionally self-contained. Its ROI model concerns distribution operations — cases, inventory, consignment, replenishment, contracts, billing inputs and commissions — and does not depend on QualityOS, RegulatoryOS or CAPA activity.

TrademarkOS is also standalone and externally hosted. Its low-cost Founder subscription has a mathematically small labour break-even point, but filing services and government fees are separate and are not included in that comparison.

5. Published evidence

The cited studies did not evaluate Qevatrix. They establish evidence for mechanisms used in the model: AI-assisted drafting and summarisation, structured electronic capture, workflow automation and reduced transcription.

Published finding	Study and relevance
40% faster professional writing, 18% higher quality	Randomised study of 453 college-educated professionals using generative AI on professional writing tasks. Noy S, Zhang W. <i>Science</i> . 2023;381(6654):187-192. doi:10.1126/science.adh2586
15% average productivity increase	Real-world deployment across 5,172 support professionals using an AI assistant, with the largest gains among less experienced staff. Brynjolfsson E, Li D, Raymond L. <i>Quarterly Journal of Economics</i> . 2025;140(2):889-942. doi:10.1093/qje/qjae044
25.1% faster, 12.2% more tasks completed	Randomised field experiment with 758 consultants. The same study found AI users performed worse on a task outside the model's capability frontier — which is why Qevatrix keeps a human review point on every regulated decision. Dell'Acqua F, et al. <i>Organization Science</i> . 2026. doi:10.1287/orsc.2025.21838
Electronic case report forms beat paper	Randomised clinical-trial comparison: electronic capture was faster and showed better data integrity than paper forms. Fleischmann R, et al. <i>BMC Medical Research Methodology</i> . 2017;17:153. doi:10.1186/s12874-017-0429-y
22% faster than spreadsheets	Registry crossover study comparing electronic data capture with Excel-based capture. Staziaki PV, et al. <i>Journal of Medical Internet Research</i> . 2016;18(6):e141. doi:10.2196/jmir.5576
51 minutes saved per participant	Multicentre evaluation of automated EHR-to-CRF transfer, which would also have prevented hundreds of manual entry errors that survived monitoring. Cheng AC, et al. <i>Journal of Biomedical Informatics</i> . 2026;180:105060. doi:10.1016/j.jbi.2026.105060

6. Economic model and assumptions

Core equation

Eligible repetitive hours × application coverage × modelled reduction × loaded labour rate = annual capacity value.

Modelled ROI = (annual capacity value – annual priced subscription) ÷ annual priced subscription.

Controls against overstatement

- Only repetitive, software-addressable work is eligible; regulated judgment and approvals are excluded.
- Overlapping products do not recover the same hour twice; the portfolio calculator caps total coverage at 85%.
- Recovered time is productive capacity, not a payroll reduction.
- Consulting avoidance, delayed-revenue prevention and revenue growth are excluded from core ROI.
- Quote-based plans contribute no price to the ROI percentage.

Illustrative base case

Organisation	Configuration	Hours released	Capacity value	ROI
Small device company	QualityOS Essentials	240	\$14,400	21%
Growth-stage manufacturer	DeviceOS Professional	720	\$54,000	50%
Established manufacturer	DeviceOS Professional*	2,160	\$183,600	411%

* Illustrative only; enterprise pricing may apply.

7. Current published-price break-even test

At an illustrative loaded labour rate of \$75 per hour, the table shows the annual capacity required merely to equal each current published annual price. Prices are current as of September 9, 2026 and exclude taxes, services, transaction charges and government fees.

Released plan	Annual price	Capacity to equal price
QualityOS Essentials	\$11,940	159 hours/year
QualityOS Professional	\$23,940	319 hours/year
RegulatoryOS Essentials	\$10,740	143 hours/year
RegulatoryOS Professional	\$21,540	287 hours/year
DeviceOS Professional	\$35,940	479 hours/year
ClinicalOS Single Study	\$33,000	440 hours/year
EvidenceOS Registry	\$29,940	399 hours/year
StudyOS Launch	\$9,995	133 hours/year
StudyOS Professional	\$24,995	333 hours/year
DistributorOS Agency	\$9,540	127 hours/year
DistributorOS Professional	\$19,140	255 hours/year
TrademarkOS Founder	\$190	3 hours/year

8. How to validate ROI in your organisation

- Define the workflow and start/stop points before measuring.
- Collect 4–8 weeks of baseline data: cycle time, touch time, backlog, rework and evidence-search time.
- Record the user roles, workflow volume and exceptions; do not average unlike tasks together.
- Repeat at 30, 90 and 180 days after adoption using the same definitions.
- Report median and mean results, segment by role and workflow, and retain unsuccessful or neutral results.

Appropriate public claims

- Qevatrix is designed to reduce repetitive administrative work and release professional capacity.
- Electronic data capture and suitable AI-assisted tasks have credible published productivity evidence.
- Every Qevatrix ROI figure remains a disclosed scenario until measured customer outcomes are available.

Disclosures

This study was prepared by Qevatrix using published third-party research and Qevatrix product and pricing information. It is not independent research, financial advice, a quote, a compliance certification or a guarantee of savings, revenue, approval or outcome.

Reference links

Noy S, Zhang W. Science. 2023;381(6654):187-192. <https://doi.org/10.1126/science.adh2586>

Brynjolfsson E, Li D, Raymond L. Quarterly Journal of Economics. 2025;140(2):889-942. <https://doi.org/10.1093/qje/qjae044>

Dell'Acqua F, et al. Organization Science. 2026. <https://doi.org/10.1287/orsc.2025.21838>

Fleischmann R, et al. BMC Medical Research Methodology. 2017;17:153. <https://doi.org/10.1186/s12874-017-0429-y>

Staziaki PV, et al. Journal of Medical Internet Research. 2016;18(6):e141. <https://doi.org/10.2196/jmir.5576>

Cheng AC, et al. Journal of Biomedical Informatics. 2026;180:105060. <https://doi.org/10.1016/j.jbi.2026.105060>