



SYNTROPIO AI COWORKER

Solution Development

For teams turning business needs into working solutions — from requirement to release

The business knows what it needs. The backlog speaks another language.

Between business intent and working software sit requirements that drift, edge cases nobody wrote down, and documentation that lags the code. The work is rarely about typing faster. It is about keeping business, developers and governance moving on the same picture.

The requirement was clear — until the edge cases arrived.

The documentation describes the last version, at best.

Business and developers agree in the meeting, and diverge in the sprint.

Test criteria get written after the code, if at all.

WHAT THIS WORK SHOULD DELIVER

Shared understanding

Business intent and technical tasks that actually match.

Documentation that keeps up

Specifications and technical docs current with the delivery.

Fewer surprises

Edge cases and risks named before they cost a sprint.

Quality by design

Test planning and acceptance criteria set before the build.

From requirements lost in translation to deliveries the business recognizes.

Five practical capabilities, grounded in the discipline model.

#	CAPABILITY	WHAT IT PRODUCES
1	Requirement translation	Business requirements turned into structured technical tasks and solution components.
2	Specification & documentation	Technical specifications and structured documentation, drafted while the work moves.
3	Architecture & integration support	Integration patterns, API mappings and architecture options — reasoned, not guessed.
4	Review & risk	Integration logic reviewed for risks and missing elements before they reach production.
5	Test & acceptance craft	Test checklists and acceptance criteria prepared with the delivery, not after it.

IN PRACTICE — SIDE BY SIDE IN YOUR WEEK

In backlog refinement — it clarifies requirements and edge cases so the sprint starts on solid ground.

Before the integration build — it suggests the approach and maps the dependencies — with risks named.

At delivery — it prepares the test checklist and acceptance criteria the handover deserves.

WHAT IT NEEDS FROM YOU

Your requirements and process context as they stand, the relevant system landscape, and the governance dependencies the delivery must respect. Secrets and credentials never enter the model — and production actions are always human.

What it stands on — and where to begin.

PROFESSIONAL FOUNDATION

Software engineering and solution architecture
· system and API integration · requirement decomposition and backlog structuring · secure development · test methods and acceptance criteria · technical documentation · Azure-based solution delivery

STANDARDS & REGULATORY LANDSCAPE

Secure-SDLC and OWASP awareness · API design standards · IAM/RBAC principles · logging and auditability principles · versioning and release practice · GDPR and security-by-design · software-licensing awareness

A curated selection. Standards apply at your organization's adoption level. Regulatory references reflect the Norwegian baseline — adapted per market and sector, and verified against current sources in every engagement.

WORK WITH SYNTROPIO ON —

Four examples in ascending ambition — from a question in the meeting to a governed rhythm across the organization.

ASK	"Review this requirement set — what is ambiguous, conflicting or untestable?"
PRODUCE	"Turn these workshop notes into a specification with acceptance criteria — ready for the vendor."
SCHEDULE	"Run a scheduled review of open defects and change requests — trends, aging and where to intervene."
CONSOLIDATE	"Consolidate release history, the incident log and the backlog into one delivery-health report for the steering group."

A discipline of Syntropio, the Operating System for Organizational Intelligence — activated as your organization's own instance, grounded in your sources, governed within agreed boundaries and reviewed by qualified people.

BRING ONE REAL CHALLENGE

Bring one real feature, integration or documentation challenge. We'll explore how Syntropio can help your team build clearer, safer and faster.

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