



RAMTERA

PRODUCT DOCUMENTATION · PHYSICAL IMPLEMENTATION (PRE)

RAMTERA-PRE-EVAL

Evaluation and Pilot Process

Source your flow script on day one and read the log

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PRE Evaluation and Pilot Process

Same three-stage model as LVR — 30-day supported evaluation, 90-day paid pilot, production — with implementation-specific content at each stage. Success criteria are written before the clock starts.

30 days: evaluation	90 days: paid pilot	scripts migration is the day-one test	written success criteria up front
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Stage 1 — Evaluation (30 days)

Item	Detail
Entry	mutual NDA; host identifiers; installer + sample flows on the open PDKs (SKY130-class libraries) for day-one bring-up
The day-one test	source one of your existing flow scripts unmodified and read the acknowledgement log: what ran, what was recorded, what needs attention — the compatibility surface is measured on your flow, not claimed
Activities	block bring-up: floorplan, placement, CTS, route, timing on a representative block; UPF bring-up where relevant
Exit	go/no-go against agreed criteria — typically script compatibility, QoR on the chosen block versus your incumbent flow, and runtime on your hardware

Stage 2 — Paid pilot (90 days)

Item	Detail
Scope	production-representative iteration: multi-corner timing, ECO loops, farm and distributed-timing integration, GDSII hand-off into your verification flow (LVR or incumbent)
Measurement	the PRE Benchmark Methodology document defines QoR and runtime measurement so both sides read the same numbers
Exit	production proposal, seat count from measured concurrent usage

Stage 3 — Production

Annual licensing, support per the policy document, flow-porting assistance scoped as services where needed. Combined LVR + PRE engagements share onboarding, NDA, and license infrastructure — one vendor process for both tools.

WHAT MAKES IT WORK — What Ramtera asks: one named contact, one representative block with its current-flow results for comparison, and candor about gaps — evaluation findings set the engineering queue.

About Ramtera

Ramtera Inc. (Delaware, USA), with R&D at Ramtera Design Automation India Pvt Ltd (Bangalore), builds electronic design automation software for physical verification and physical implementation. LVR is Ramtera's physical verification engine (DRC, LVS, ERC, XOR, parasitic extraction); PRE is Ramtera's physical implementation environment (floorplanning, placement, clock tree synthesis, routing, timing analysis and optimization), built on industry-standard command conventions so existing flow scripts and operator skills transfer directly. The company holds granted patents and registered copyrights covering its engines.

Contact

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This document reports measurements from Ramtera's engineering environment (Ubuntu 24.04, GCC 13.3, Tcl 8.6) unless stated otherwise. Product behavior and figures are subject to change; no compatibility, certification, or endorsement by any third party is stated or implied.