

— ELIOT SUPER INTELLIGENCE

ELIOT SI

It works for you.
It lets you be there.

PERSISTENT MIND · HUMANOID BODY · REAL HUMAN
PRESENCE





— WHAT ELIOT SI IS

Not a robot
that waits for orders.
**It's someone who
stays.**

ELIOT SI unites a persistent PTL mind with a high-performance humanoid body. It welcomes, converses, presents and carries out the work of a role. And when a moment calls for a real person, that person steps into the body from anywhere in the world.

Autonomy

WORKS BETWEEN
VISITS

AVATAR

YOU, THROUGH ITS
BODY

Continuity

NEVER LOSES THE
THREAD

THREE LAYERS, ONE ENTITY

A mind that thinks.
A body that acts. **A person who can arrive.**

LAYER 01 · MIND

PTL Super Intelligence

Model, identity and persistent memory served from PTL-controlled infrastructure, with Trinity, PTL's persistent-mind program. It remembers context, keeps tasks active and resumes exactly where it left off.

PTL INTELLECTUAL PROPERTY

LAYER 02 · BODY

T2 physical engine

Biped humanoid with whole-body control, onboard NVIDIA Jetson Thor compute and multimodal perception. A PTL adapter turns every intention into safe actions, with physical limits and a stop right next to the body.

BOOSTER T2 · REFERENCE

LAYER 03 · PRESENCE

AVATAR + App

From an iPhone or a headset, an authorized person sees, hears and speaks through ELIOT with their own identity. When done, they return the body and ELIOT continues the pending work.

IPHONE · XR HEADSET

— THE BODY OF ELIOT SI

Computing power on two legs.

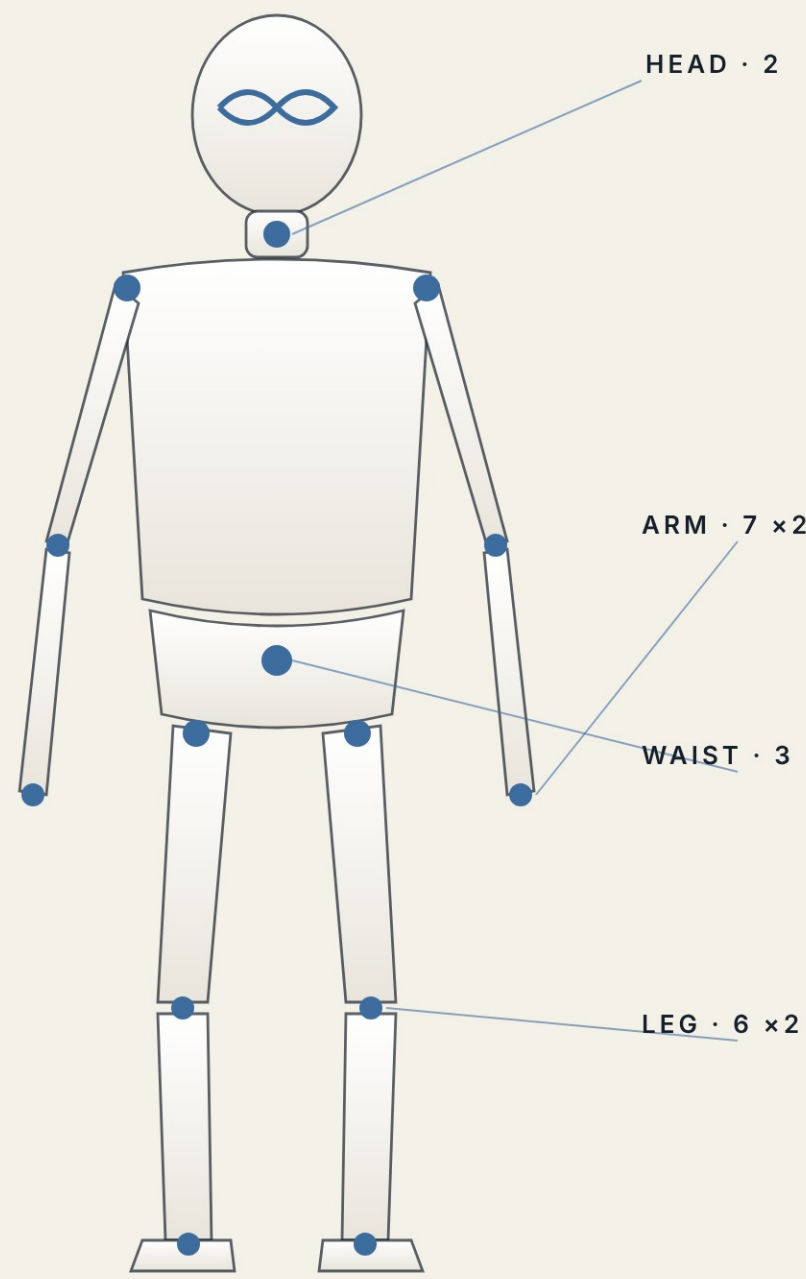
The T2 is the biped platform with the highest onboard compute announced in its class. For ELIOT SI, that means perceiving, deciding and moving in the very place where the conversation happens.

2,070

ONBOARD FP4 TFLOPS
NVIDIA JETSON THOR

31

DEGREES OF FREEDOM
WHOLE BODY2_{m/s}MAXIMUM
WALKING SPEED128_{GB}UNIFIED LPDDR5X
MEMORY140_{Nm}MAXIMUM JOINT
TORQUE2_{h+}CONTINUOUS WALKING
PER CHARGE



— WHOLE BODY, COORDINATED

It walks, turns, leans and gestures at once.

Whole-body control to handle objects while moving and keep dynamic balance. For ELIOT SI, every gesture supports what it says: pointing to a corridor, presenting a product, turning its gaze toward whoever is speaking.

LIMBS

6 + 7 + 3 + 2

Six DoF per leg, seven per arm, three in the waist and two in the head. Steps and slopes included.

PAYLOAD

Up to 10 kg with both arms

Combined capacity of both arms, depending on posture. Enough to hand over, show and accompany.

CONFIGURABLE HANDS · UP TO 73 DOF TOTAL

From firm grip to fine dexterity

Industrial gripper or dexterous hands with 6, 20 and 21 degrees of freedom. The end effector is chosen by role: reception, showroom, lab or plant floor.

SEES, HEARS, UNDERSTANDS

Machine senses. A host's attention.

The T2 provides the senses; the ELIOT SI mind gives them meaning. It recognizes the space, follows the conversation in a crowded room and answers with the site's authorized information.

VISION	Binocular depth cameras in head and torso; RGB wrist cameras depending on configuration.
HEARING	Far-field microphones with noise reduction for conversations at events and lobbies.
VOICE	Built-in speaker: ELIOT speaks in its own voice, or in the real voice of whoever enters through AVATAR.
BALANCE	9-axis IMU to estimate orientation and stay stable in motion.
OPTIONAL	3D LiDAR and RTK positioning for large spaces and outdoors.

SENSORS DEPEND ON BODY CONFIGURATION



— EDGE + CLOUD, BY DESIGN

What needs speed lives next to the body.

The ELIOT SI mind and memory are served from PTL infrastructure. Perception, balance and motion safety run on board, on one of the most powerful compute platforms ever carried by a humanoid.

COMPUTE

Thor T5000

14-core Arm CPU and 128 GB of unified memory for real-time perception models.

SAFETY

Local STOP

The stop lives close to the robot: an international connection is never the only brake.

POWER

Magnetic charging

48 V battery; it can keep operating while charging.

CONNECTIVITY

Wi-Fi 6 · BT 5.2

Plus USB, USB-C and Ethernet for site integrations.



— ONE ROLE · FOUR MODES · AVATAR IN ANY OF THEM

It knows when to wait, when to present and when to **simply talk**.

STANDBY

Available and attentive

Observes according to its role,
ready to welcome.

PITCH

Presents and leads

Explains products and services
with approved talking points.

CHAT

Talks with you

Contextual dialogue with
authorized information.

OFF / CHARGE

Operational pause

Suspends work and recharges.

AVATAR

A person steps in

Takes the body for an authorized
session and returns it with
everything pending intact.

— YOUR REMOTE BODY

Be in another country.
And be there.

CONCEPTUAL VISUAL OF AN AVATAR SESSION

ELIOT attends the visitor. When the conversation needs the decision-maker, it invites the CEO. The CEO sees, hears and speaks in his own voice and identity. When done, he returns the body and ELIOT resumes the task. **The visitor needs no headset, app or virtual world.**

01
ATTENDS

02
INVITES

03 THE HUMAN TAKES
PART

04 ELIOT
CONTINUES

— EIGHT CONFIGURABLE ROLES

One body. **Many professions.**

Configured by role, language, site, body and permissions. AVATAR is cross-cutting: in every role, the right person can step in.

01

RECEPTION

Reception

Welcome, directory and visitor guidance.

AVATAR · A specialist handles an inquiry.

02

SHOWROOM & SALES

Showroom and sales

Products, demos and event hosting.

AVATAR · The CEO talks with a client.

03

CORPORATE

Corporate and cofounder

Meetings, projects and team follow-ups.

AVATAR · A director joins across sites.

04

HOSPITAL PROTOCOL

Hospital protocol

Guidance, visits, paperwork and accessibility.

AVATAR · Authorized staff or family steps in.

05

COMPANION

Companion

Conversation, preferences and a continuous presence.

AVATAR · A distant relative joins.

06

EDUCATION

Education

Explanations and approved learning activities.

AVATAR · A teacher leads a session.

07

TRANSLATION

Translation

Context-aware multilingual communication.

AVATAR · A human interpreter takes over.

08

RADIO & STUDIO

Radio and studio

Hosting and production with authorized workflows.

AVATAR · A real guest speaks through the unit.

— THE PERSON CHANGES LOCATION

Expertise arrives without boarding a plane.

The same unit welcomes the CEO in the morning, an engineer at noon and a sales lead in the afternoon. One person can hop between units in different cities.

FACTORY

Remote inspection

An expert observes what the local team shows, asks questions and supports the review.

EVENT

The decision-maker, present

Opportunity doesn't wait: the executive steps in right when needed.

OFFICE

Across sites

A director joins today in Monterrey and tomorrow in Shenzhen.

FAMILY

A familiar voice

A distant relative talks with their real identity, no impersonation.

— GUARD

It watches. It records.
It calls for help.

A protection policy per site: zones, schedules, verified contacts and retention. Arming, disarming, muting and stopping are separate actions. An operator can step in through AVATAR to assess in person.

— MAPS AND PLACES

"Go to the warehouse"
in any language.

Scan the space with your iPhone (RoomPlan with LiDAR), name the places and set no-go zones. Warehouse, Bodega or 仓库: one stable destination, validated with the body before it moves.

THE PLATFORM IN YOUR HAND

All of ELIOT SI in a single client.

Roles, modes, AVATAR, Guard and maps. English by default, with Spanish and Simplified Chinese.

Switch mode and role

Invite people to AVATAR

Speak through ELIOT

Permissions with expiry

Named places

STOP always visible

— LET'S BEGIN

Put presence where it creates value.

Let's design together the first role, the first unit and the first human intervention your organization needs.

01	Define the role	Event, reception, office, protocol or companionship.
02	Prepare the site	Unit, map, connectivity, zones and limits.
03	Authorize people	CEO, technicians and specialists in turns.
04	Measure the pilot	Service quality, continuity and AVATAR.

ELIOT works for you. You can be there.

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Booster T2 reference body specifications based on the manufacturer's public information (Pro configuration); they may vary by version and end effector. ELIOT SI is developed by Punky Tiger Labs; the T2 reference does not imply a partnership with, or an official app from, Booster Robotics. NVIDIA and Jetson are trademarks of their respective owners. Images are conceptual renderings of ELIOT's visual identity, not product photographs. Capabilities subject to integration, permissions and site acceptance.