

BSS™ Caregiver Stability AI

Close-proximity Human Stability Intelligence for safer aging, caregiver awareness, and earlier review of instability patterns.

HLTH 2026 Startup Pitch Application Deck

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The caregiver gap

Families sense changes before systems measure them.

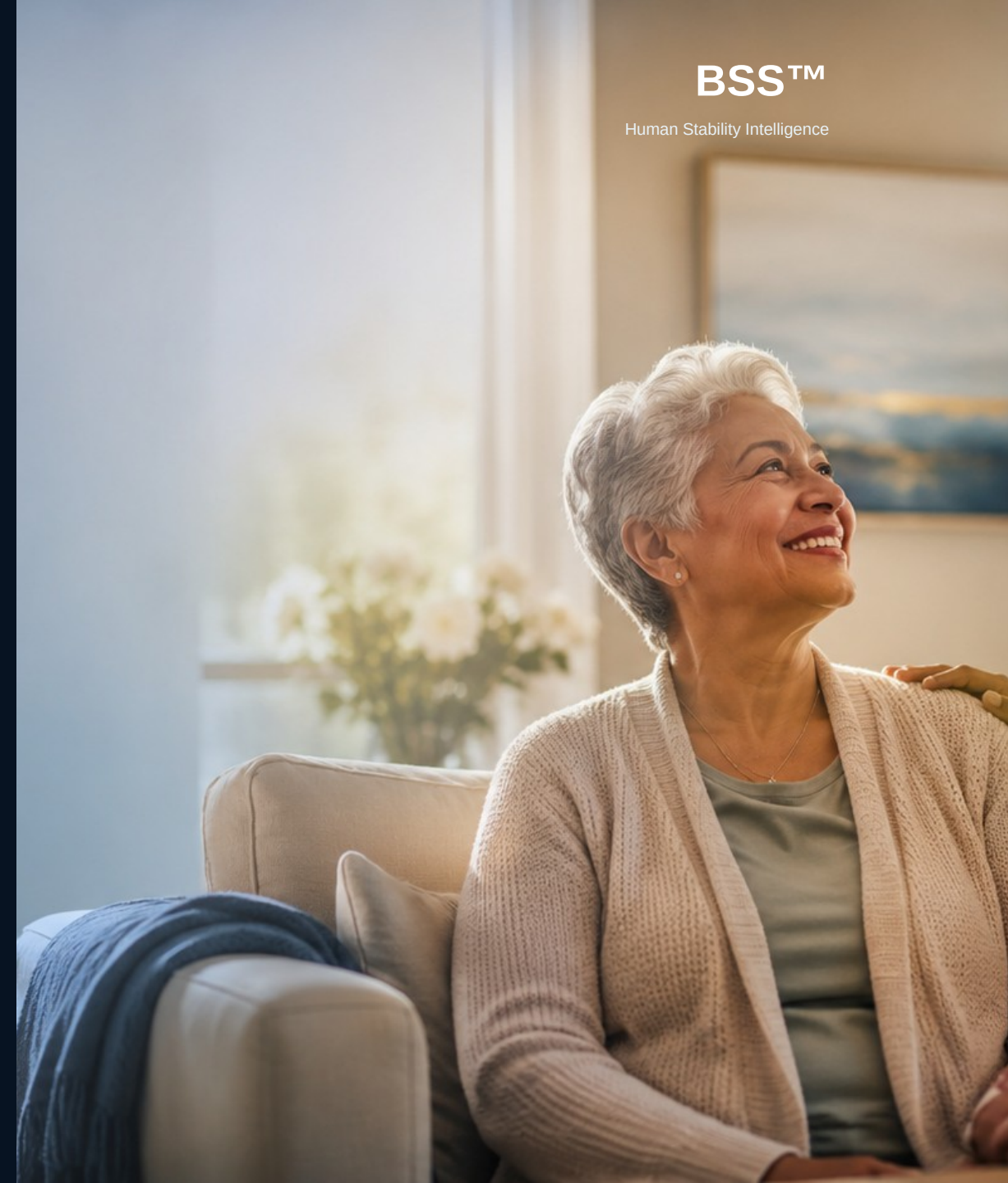
“Something seems off” is not enough.

- Subtle instability can appear before a fall, fatigue event, dehydration risk, mobility decline, or care escalation.
- Caregivers often lack a measurable way to understand what changed, how serious it may be, or what action to take.
- Current tools often react after an event; BSS™ is designed for earlier awareness and professional review prompts.

BSS™ translates early human stability cues into a structured signal caregivers can understand.

BSS™

Human Stability Intelligence



The BSS™ answer

BSS™

Human Stability Intelligence

A close-proximity Human Stability Intelligence platform that scores measurable changes and routes the next step.

1
Scan / input
Multimodal signal
capture or structured
MVP inputs

2
Compare
Personal baseline +
drift logic

3
Score
Human Stability
Index™ 1-5

4
Route
Caregiver alert, rescan, or
professional review prompt

Non-diagnostic boundary: BSS™ identifies measurable stability patterns and supports timely review; licensed professionals make diagnosis and treatment decisions.

How it works

BSS™

Human Stability Intelligence

Signal fusion becomes one caregiver-ready stability output.

INPUTS

Physiology
HRV, pulse, oxygenation,
respiration, thermal load

Movement
gait, balance, posture,
motion stability

PROCESSING

Baseline + drift
what changed from
personal normal?

Signal quality
confidence, noise, no-
score / rescan rules

SCORING

HSI™ 1-5
stability score + top
drivers

ACTION

Caregiver workflow
alert, trend, rescan, or
review guidance

MVP: software-first pathway

Built to satisfy the AgeTech requirement without overclaiming a finished medical device.

1

HSI™ scoring core

Structured scoring, confidence, top drivers, no-score/rescan logic

2

Caregiver dashboard

Simple stability status, trends, alerts, review guidance

3

Structured input testing

Simulated and collected signal-input workflows before dedicated hardware

4

Pilot protocol

Caregiver feedback, usability, repeatability, and escalation logic



The product experience

BSS™

Human Stability Intelligence

Caregivers get one clear status, not a wall of raw numbers.

Human Stability Index™
1 = stable / 5 = urgent review pattern

Top drivers
Movement change, fatigue load, respiratory variance, thermal stress, sleep/recovery drift

Confidence & rescan
Flags noisy or incomplete scans before escalation

Next-step guidance
Monitor, rescan, notify caregiver, or seek professional review



Why AgeTech needs BSS™

Aging-in-place requires earlier awareness, not only emergency response.

- Home-care agencies need scalable monitoring workflows.
- Family caregivers need confidence about when to act.
- Senior-living operators need trend visibility and safer escalation pathways.
- Older adults need independence with less intrusive observation.

BSS™ is designed to help people stay safer, longer, and more connected.

BSS Vault™: trust + continuity

BSS™

Human Stability Intelligence

A consent-based stability history that follows the person across care settings.

Personal baseline
What is normal for this person?

Caregiver access
Who is authorized to see alerts?

Drift timeline
What changed and when?

Incident replay
What data supported the alert?

Recovery scoring
Did stability return toward baseline?

Commercial path

Pilot first. Validate workflow. Convert into subscriptions and enterprise deployments.

BSS™

Human Stability Intelligence

1 Pilot partners

home-care, senior living, caregiver programs

2 Subscription model

caregiver dashboard + BSS Vault™ access

3 Enterprise deployment

care organizations, wellness platforms, payers

4 Hardware pathway

validated integrations and dedicated BSS™ devices

Initial use cases: safer aging, caregiver confidence, home-care triage, senior-living trend awareness, and wellness monitoring.

The ask

Help BSS™ move from protected invention and MVP design into real-world AgeTech pilot deployment.

HLTH / AARP support
Pitch exposure, accelerator consideration, AgeTech partners, and strategic introductions

Pilot partners
Home-care organizations, senior-living groups, caregiver networks, wellness platforms

Capital target
\$250K-\$1M to complete MVP, dashboard, scoring core, validation, and initial pilots

Contact

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BSS™ turns human intuition into measurable Human Stability Intelligence.