

THE GAP

We've spent decades measuring memory. Everyday life depends on much more than that.

Cognitive tests haven't changed much in decades. They still look at thinking and movement as two separate things. That's exactly the gap NERON fills: how the brain and body work together, in real time. **No need to replace the industry cognitive screening tools you already use.**

NERON simply measures what they weren't built to see. It's a triage tool anyone can use, at any time: self-administered, so it takes no special training and just minutes to complete. It's low cost enough to screen large populations, wherever they are. And it's scalable enough to evaluate multiple users at once.

01 What the standard approach wasn't built to measure

Cognitive tests measure memory, attention, and processing speed. Motor tests measure balance, reaction time, and gait. Many of these tools are decades old, and while they are validated and trusted, they measure the brain and body separately, not how they work together in real time. But the brain and the body do not work separately in everyday life. When measurements look at those systems independently, they miss exactly what's happening at the intersection, **where meaningful change often shows up first, before symptoms do.**

02 What NERON was built to measure

Neuromotor Control isn't an obscure metric. It's the system behind whether someone can climb stairs without falling, react safely behind the wheel, or perform under pressure at work. NERON measures it directly — **intuitive** (no training required to administer it), **standardized** (the same protocol, every time), and **simple** (one measurement, one score). An 8–10 minute session produces a Brain Score™ that results in a Brain Signature™: a picture of how brain and body are coordinating that's as unique to the person as a fingerprint, and just as easy to read as an EKG.

03 Why this matters now

Trusted cognitive screens stay inside the clinic — one person, one appointment, one specialist at a time. Nothing today screens whole populations and routes the right people toward care. Aging populations and brain-health investment are both accelerating faster than the infrastructure to evaluate any of it. **The organizations building a measurement baseline now are the ones who'll have defensible, longitudinal data** by the time brain performance screening is the expectation rather than the exception.

HOW IT WORKS

1

Measure

8–10 minutes on a kiosk, tablet, or phone. No specialist to hire, no facility to build out.

2

See the Brain Signature™

A clear picture of how the brain and body are coordinating, plus a single Brain Score™.

3

Track & Act

Repeated measurements show meaningful change over time. That's useful on its own. It's also the data layer organizations need to report on, and validate, whether their brain performance programming is actually working.

52+

PEER-REVIEWED STUDIES

20+

YEARS OF RESEARCH

8,000+

BRAIN SIGNATURES™
PROFILED

2017

DRDC CANADA PARTNER SINCE

OBJECTIVE BRAIN PERFORMANCE MEASUREMENT AT SCALE

One measurement. Several places it already applies.

LONGEVITY

Active aging

Baseline and track Neuromotor Control as residents or members age, and show whether programming is translating into functional improvement.

PERFORMANCE

Readiness

Quantify readiness in cognitively demanding, high-consequence roles: sport, defence, aviation, workplace safety.

RECOVERY

Return to activity

A clear benchmark for concussion, rehab, and clinical recovery. Beyond a symptom checklist.

RESEARCH

Outcomes data

A neuromotor outcome variable for studies that have rarely had access to one: drug trials, therapy, training programs.

NERON IS THE LAYER THAT COMPLETES THE PICTURE

Longevity & Active Aging
Programs

Consumer-friendly engagement tools used in fitness and wellness settings, built around attention and processing speed.

Performance & Readiness
Programs

Structured testing used in high-consequence roles and performance settings, built around attention, reasoning, and reaction time.

Clinical & Care Settings

Well-validated cognitive testing used widely in clinical and care settings, with strong memory and processing-speed measures.

NERON adds the missing layer: Neuromotor Control, the assessment of brain + body *together*. The result?
A Brain Score™ and Brain Signature™: one number, one picture, both unique to you.

“The visuomotor test has become an essential component in the suite of measures being used for the quantification of human performance involving Canadian military personnel.”

Dr. Catherine Tenn · Defence Scientist, DRDC Suffield Research Centre · technology partner since 2017

Every organ has a vital sign.
Now the brain does too.

One 8–10 minute measurement gives you a Brain Score™ and Brain Signature™:
a baseline you can act on. No lab, no commitment.

Request a walkthrough

Ask about a single-site pilot

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