

Matoha

What will you scan next?

CarpeTell®

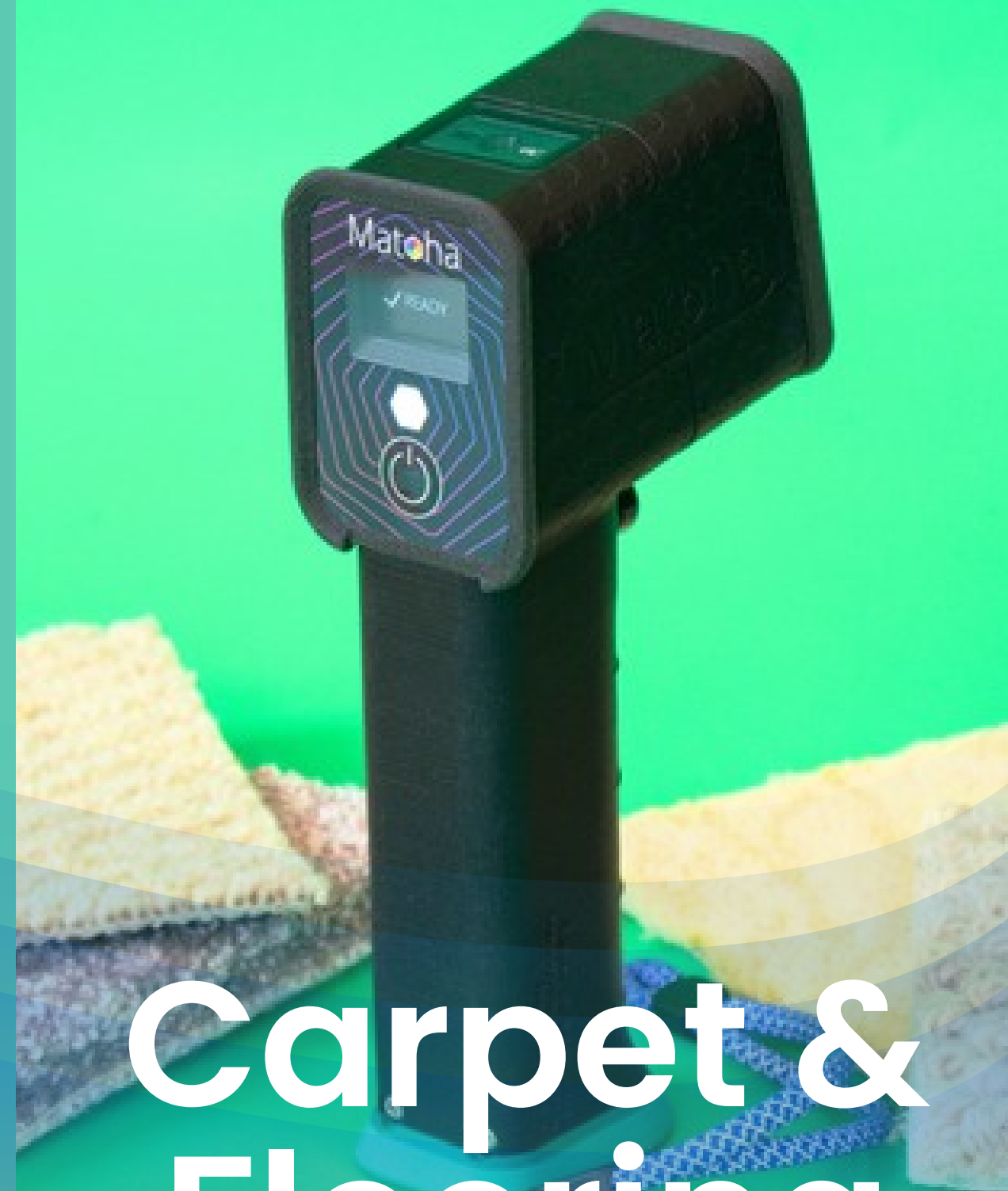
Instant Flooring Identification



CarpeTe



Revolutionizing



Carpet &
Flooring



Identification

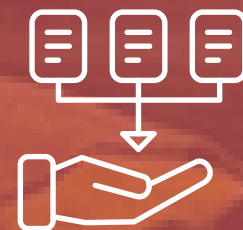
Blind Spots: What You Can't See is Costing You



Slow manual sorting drastically limits your throughput and the resale value of the carpets



Visually identical carpet fibers make accurate, manual identification impossible



On-site waste stream auditing and data collection are currently cumbersome and inefficient

Speed Meets Usability

Complete Solution – Zero Guesswork



Unmatched Speed

Identifies carpet
composition in just
1seconds



The Usability

Plug-and-play
**no additional
accessories, internet
connection, or complex
libraries required**



The Ecosystem

Fully **Wi-Fi and
Cloud-enabled** for
seamless traceability
and **reporting**

What CarpeTell® Can Do

Comprehensive Flooring Intelligence

Recognizes single and multi-component blends effortlessly.

Can Identify 9 Pure Materials & 3 Blends



Instant results let sorting operators maintain high throughput without bottlenecks.



**Fast
(1 Second)**

Companion app for programming LEDs, entering metadata, and managing device settings.

Free Mobile & Tablet App



Deploy one device or dozens across multiple sites. All managed through the Matoha Cloud.



Scalable

Matoha Cloud enables the power of detailed reports and access your data over API from anywhere.

Cloud & Instant Reporting



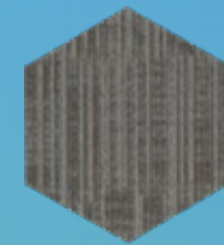
What We Identify Effortlessly

Material Intelligence

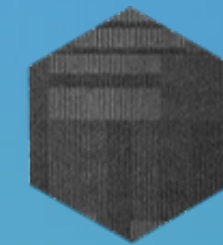
CarpeTell supports all major flooring materials, including **9 pure materials and 3 blends**

Pure Materials: Nylon 6, Nylon 66, Polypropylene (PP), Wool, Polyurethane (PU), PTT, PVC, and PET.

Supported Blends: Wool-nylon, PTT-Nylon, and PTT-PET



Nylon 6



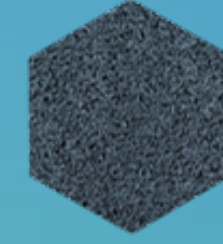
PVC



Wool



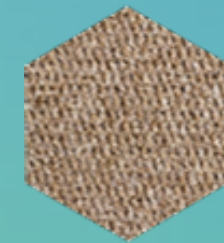
Nylon 66



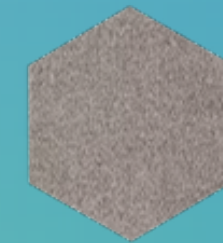
Rubber



PU



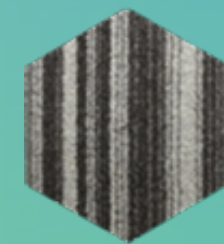
PP



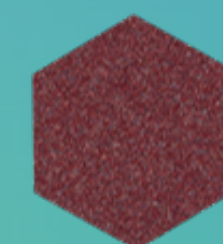
PET



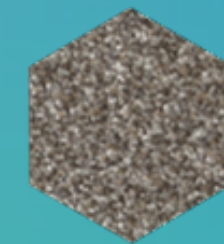
PTT



Wool-nylon



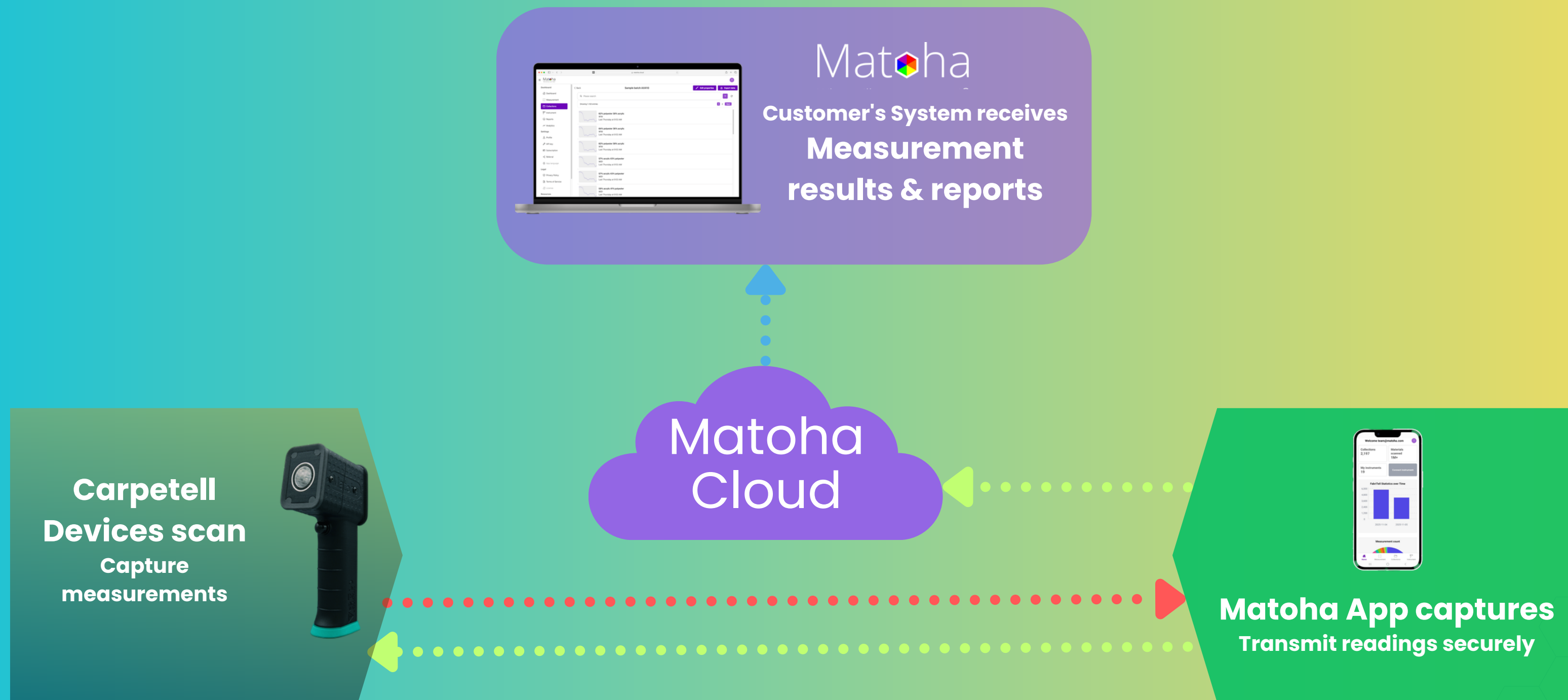
PTT-nylon



PTT-PET

The Integrated EcoSystem

More Than a Scanner: Total Traceability



EcoSystem Benefits

More Than a Scanner: Total Traceability

Material Composition Insights

Batch Traceability

Batch Composition Analysis

**Proof of Sorting & Supervision of
Workers**

Continuous Data and Updates



LEARN MORE



Let's Scan Your Samples

See It to Believe It



Watch Online Demo:



BOOK A
CALL

All of CarpeTell® At a Glance

All Features & Specifications

- Complete solution – no additional accessories or libraries required
- Super-easy to use
- Instant identification of carpet composition (1 second)
- All major carpet materials supported (9 materials and 3 blends)
- Cloud-enabled for detailed insights into scanning data, for operations and traceability 210mm
- Free iOS / Android app included
- Scalable – buy as many as you need to scale-up your sorting
- Different LED colours for easy identification

- Uses NIR reflectance spectroscopy in the 1–2 μm range.
- Identifies measurements in ~1 second.
- Includes AI carpet identification algorithms for automatic ID without internet.
- Powered by a USB-C wall adapter (90–240 VAC, 50/60Hz, 15W).
- Features a replaceable, rechargeable Li-ion battery with safety protections; extra batteries available.
- Connectivity via Bluetooth LE and 2.4 GHz Wi-Fi for updates; data can be uploaded to the cloud.
- Free iOS/Android app included.
- Dimensions: 18x8x6 cm (7x3x2 in), weight: 360 g (13 oz).

Get More Than You Think!

Zero Hidden Fees. Total Peace of Mind!

1-Year Standard Warranty

21-Day **Money-Back Guarantee** to ensure it fits your operation

Subscriptions: The App, Cloud Storage, Data API, Updates & **Many More**

Fast deployment: Approximate 30-day lead time



LEARN MORE

Real-World Applications

Built for the Entire Flooring Lifecycle

The handheld NIR scan quickly confirms whether a carpet is PP. Non-target materials such as nylon get removed immediately.

This approach:

- Reduces reliance on specialist staff
- Speeds up incoming material checks
- Prevents contamination in the recycling line

A single wrong material can stop the line and cause expensive downtime.

CarpeTell allows operators to verify material in seconds and keep the PP stream clean.

Innovate Recycle processes post-consumer carpet and focuses on pure polypropylene (PP) streams.

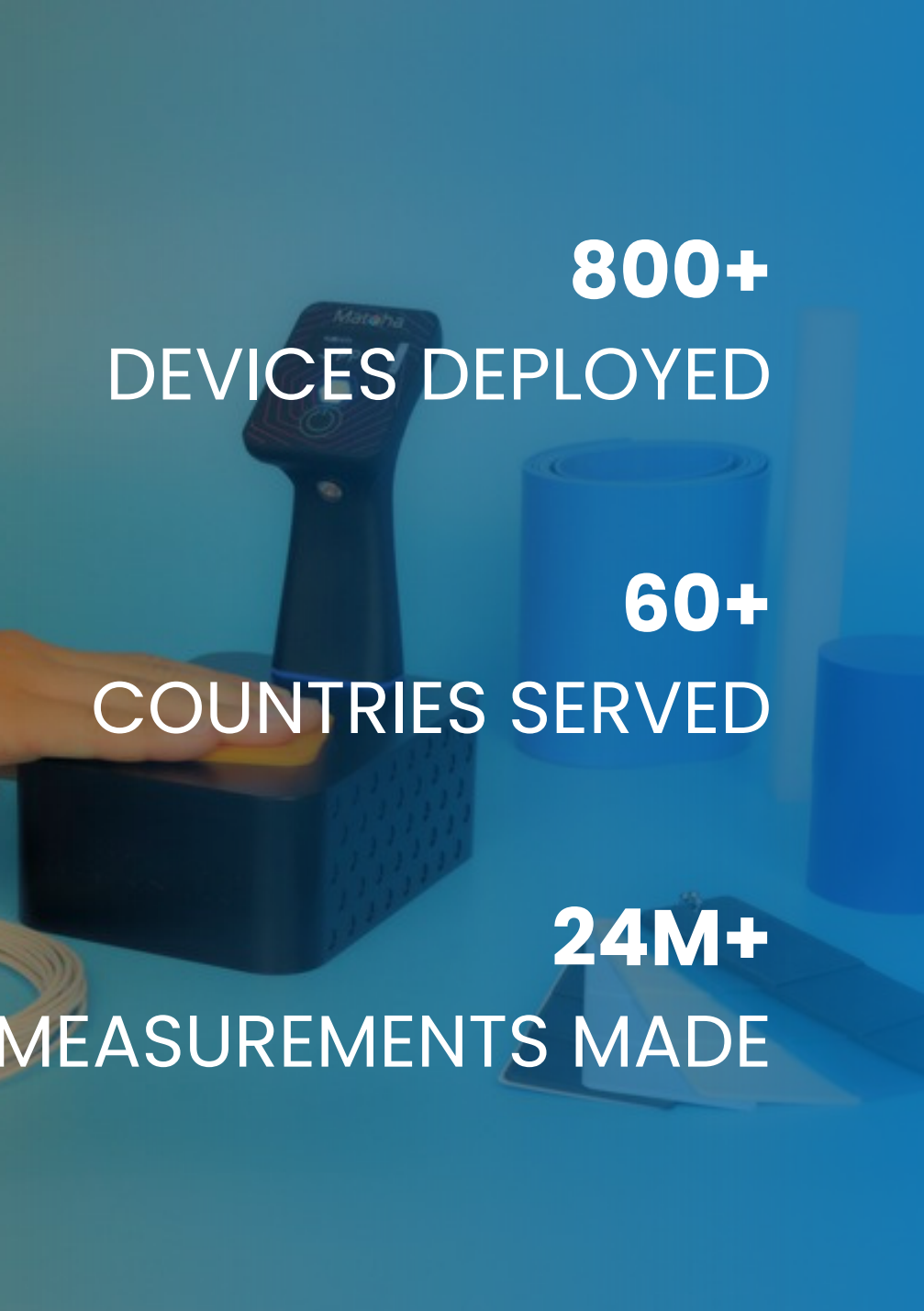
They use CarpeTell to check incoming material before it enters their process.

ABOUT Matoha

Matoha develops high-performance, accessible material identification tools powered by Near-Infrared (NIR) spectroscopy. We specialise in real-time, non-destructive analysis of plastics and textiles to enable high-purity recycling and circular supply chains.

Core Technology & Products:

- **CarpeTell:** Fast and easy Flooring Material Identification Device.
- **PlasTell:** Instant identification of polymers, including black plastics and bio-plastics.
- **FabriTell:** Rapid fiber composition analysis for textile sorting and verification.
- **Matoha Cloud:** Integrated data management and material library synchronization.



800+
DEVICES DEPLOYED

60+
COUNTRIES SERVED

24M+
MEASUREMENTS MADE



People of Matoha



Martin Holicky
Co-founder & CEO



Lieve Vanrusselt
*Director, Head of
business development*



Hans Chan
Co-founder & CTO



Darlene Sammut
Chief Operating Officer



Chris Newton
*Chief Commercial
Officer*



Benji Taylor
Sales Manager

REACH OUT

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