

Performance. Quantified.

## Problem

Improving athletic performance requires a delicate balance of stress (training) and recovery (rest)<sup>1</sup>.

Athletes and consumer have little to no methods of quantifying the relationship between stress and recovery.

The lack of precise measurement costs the industry billions<sup>2</sup> and is responsible for a majority of injuries that occur every year<sup>3</sup>, including 60% of military injuries<sup>4</sup>.



<sup>1.</sup> http://myweb.facstaff.wwu.edu/chalmers/PDFs/Rest%20and%20recovery.pdf

<sup>2.</sup> https://medium.com/@stephensmith\_ie/what-is-the-real-cost-of-injuries-in-professional-sport-fee1d66a7502

<sup>3. &</sup>lt;a href="https://sma.org.au/resources-advice/injury-fact-sheets/soft-tissue-injuries/">https://sma.org.au/resources-advice/injury-fact-sheets/soft-tissue-injuries/</a>

<sup>1.</sup> https://www.ncbi.nlm.nih.gov/pubmed/25269128

# Quantifying performance is not easy

### **Specialized monitoring**

### Slow

# Catapult. \$\frac{1}{3}\$

Multiple solutions needed for monitoring in order to quantify performance and fatigue, making it difficult to monitor

omegawa

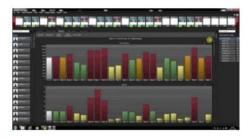
fitbit.



Current systems are lacking in portability and ease of deployment, making them a cumbersome solution for monitoring athletes at multiple facilities

### Complex



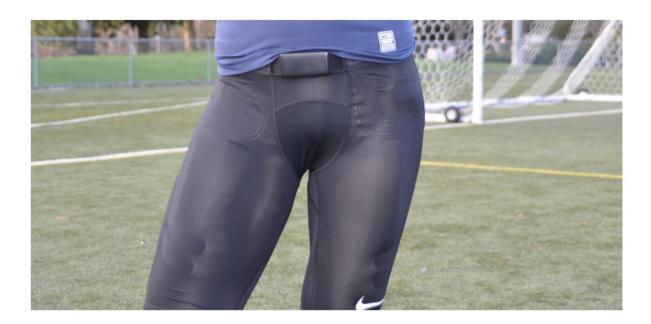


The complexity of data is one of the biggest pain points as it requires users to not just understand science but often hire data scientists in order to gain any insights

Comprehensive performance monitoring is unavailable to most



# Solution – Quantified Performance



Strive compression clothing with an integrated belt buckle module. Strive is brand agnostic and can make any apparel smart with sensor integration.











Motion

Muscles

Heart

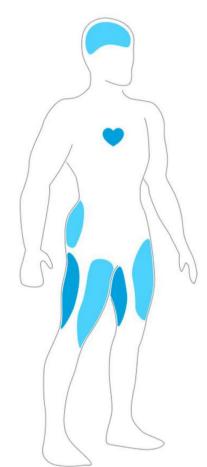
Mind

Washable

A smart compression system that meets users' comfort needs while providing detailed insights into performance, fatigue, and recovery, all while being as simple to use as any piece of clothing



# Why it matters?



### Mental Load – How ready is individual to perform?

Monitor mental readiness to perform

### **Heart – What is the internal stress load?**

Understand physical stress experienced by an individual

### Muscles – How much effort is being exerted to achieve the task?

Quantify how much force is exerted to complete the task

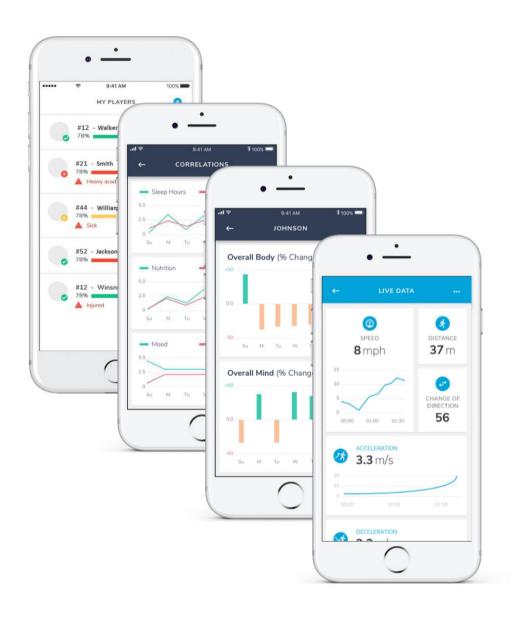
### **Motion** – Is the physical task at hand being achieved?

Track tasks and achieved physical accomplishments

Monitor and quantify lead performance indicators... unlike any other solution



# The Power of Data



# Performance analytics for everyone

- Provide data to users in realtime to understand any performance anomalies
- Offer insights into what it takes for each athlete to perform at their max
- Automated and easy to understand reporting with no additional labor required.



# **Product Offerings**







Wellness and recovery monitoring software







Motion and load, indoors and outdoors







Motion, load, fatigue and rate of exertion indoors and outdoors

Hardware (per player)		\$500		\$1,250
Software (annually)	\$1,000	\$2,000	\$10,000	\$50,000

**MotionOne & Sense3** 

Complete portfolio addressing performance and recovery needs.

Pricing validated with 120+ coaches



# **Sports**

### **Price**

Clothing: \$500 - \$1,250

Software: **\$2,000 - \$30,000** 

# Why?

- Real-time data
- Automated reporting
- Actionable insights
- No data scientist needed with all information provided to coaches automatically



# Performance. Quantified.



# Consumer

### **Price**

Clothing: **\$179** 

Software: **\$0 - \$7.99** / month

# Why?

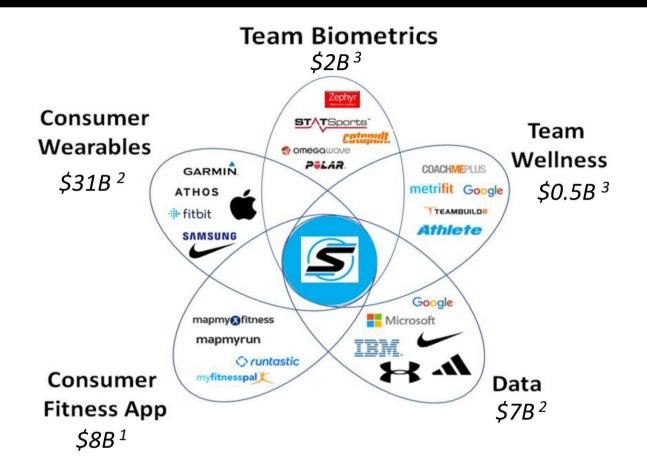
- Real-time data
- Become more efficient
- Holistic understanding
- Train like Pros using reference data



### Invisible trainer with VISIBLE results!



# **Market Size**



### Strive's SAM is \$14B



<sup>2.</sup> https://www.gartner.com/newsroom/id/3790965



<sup>3.</sup> https://globenewswire.com/news-release/2017/09/11/1117356/0/en/15-5-Bn-Sports-Player-Tracking-and-Analytics-Markets-2017-2023-Market-Shares-Strategies-and-Forecasts.html

# Target Markets

Sports \$4B

Military \$2B

Others \$8B

### **D1** and Pro Sports

Focus on Division 1 and Pro teams which includes 480K <sup>1</sup> athletes

### **Special forces**

Adjacent use model to pro athletes. There are 73K Special Forces personnel

# Industrial and Consumer

Simplified and application specific with the goal of leveraging sports data

Start with sports and branch into other adjacent markets



# Sales Anatomy – Universities



### Scalable sales model

- New customer
   acquisition is \$5K,
   adding new teams
   within the same school
   acquisition cost is \$0
- Scalable model for universities and professional teams
- Trial period used to prove the product



# Strive Team



Nikola Mrvaljevic

- Lead PM at IoT division from inception to 60+ members at Fluke
- Ex basketball players
- Published work on interpretation of body performance
- MS in Biomedical Engineering from URI and MBA from UW



Carsten Winsnes

- Software developed and director of operations
- Ex college athlete (college)
- Scaled a software platform for use in robotic surgery rooms
- BS in Computer
   Science from WPI



Filipp Shpomer CTO

- Hardware and firmware developer
- Developer at the Russian Institute of Nuclear Physics
- Platform developer at Microsoft (identity and dev tools)
- MS in Computer
   Science and MBA from
   UW

