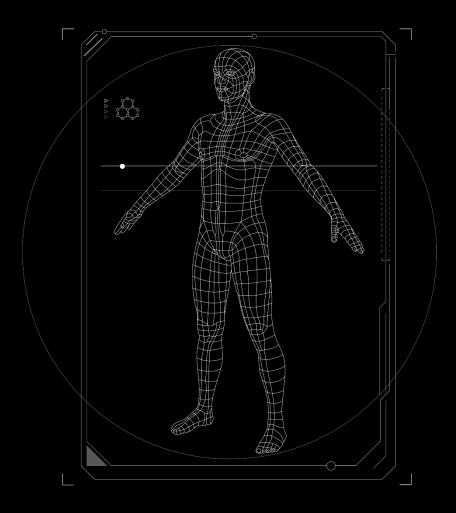


# Introduction to HPO







Develop integrated operating systems to support the management of health and performance within critical organisations.









16 Air Assault Brigade



Royal Navy



Sponsor of multiple Army sports



The British Army



RHC – Veterans' study



Veterans' recovery



Sponsor of Royal Marines Rugby

# **ABOUT US**



Ex-Google, ex-CTO at multiple technology startups. He graduated Cum Laude with a BSc in Computer Science and Applied Mathematics from University of Cape Town, South Africa.



Investor (NM Capital), entrepreneur and business operator with a 20- year track record of building businesses and creating shareholder value. Delivering consistent and high levels of success, operating in some of the world's most challenging emerging markets and complex sectors.

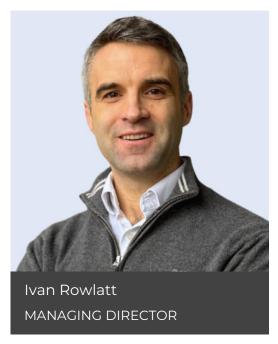
# NM CAPITAL











Former Army officer who served for 12 years. experienced leader across private and public sector organisations. Worked with NMC since 2018 to lead the business transformation.



# THE CHALLENGE

Few software solutions are focused on supporting critical organisations, to manage the health and performance of their people, who are often spread globally and operate in high-stakes environments.



Fragmented data and inefficient collection methods

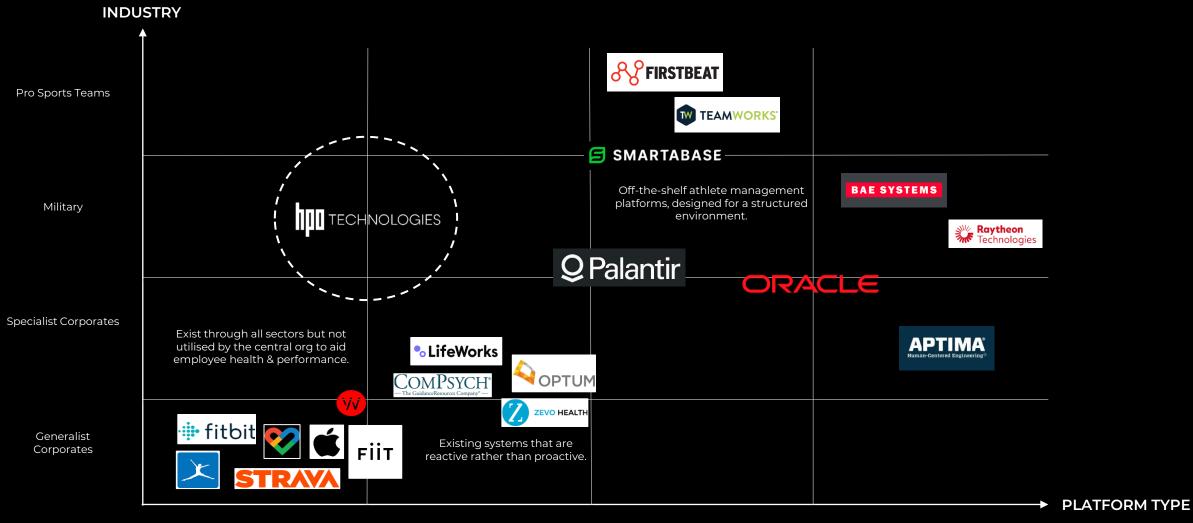


Time wasted on multiple legacy systems



Inability to effectively scale solutions





Health & Wellbeing Tracking

Employee Assistance Programme Athlete Management System Human Augmentation



**EMERGENCY RESPONSE** 

We enhance the health and retention of emergency responders with real-time data and scalable delivery solutions.







**DEFENCE** 

We optimise the performance and resilience of military personnel through proactive health and performance solutions.



**MAJOR CORPORATIONS** 

We partner with global corporates who operate in austere environments to improve performance of their people.



# Understanding the needs of our customers

We build strong, effective partnerships with organisations dedicated to enhancing the health and performance of their people.

# Continuous improvement & adaptability

We are agile by design. We continually analyse data and adapt our solutions to sustain results.

# Tailored, evidence-based solutions

We adopt a learning, data-led approach and tailor solutions to their specific needs.

# World leading standards & professionalism

We pride ourselves on our values, professional conduct and delivering the highest standard of products & services.



# THE TECHNOLOGY



# HPO OS

























Secure



**Multi-environment** 



Modular







- Managed Access: Establish a hierarchy of access to manage permissions and ensure secure data access based on roles and responsibilities.
- Aggregated Analysis at HQ Level: Enable aggregated analysis at the headquarters level to support strategic decision-making.
- Ring-Fenced Data Gathering and Interventions at the Unit Level: Implement ring-fenced unit-level data gathering and control to ensure operational security and autonomy.







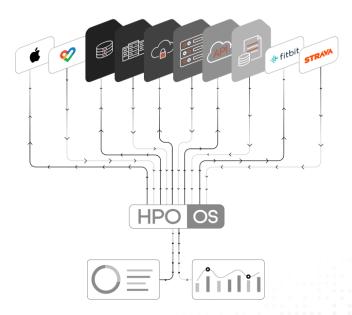


# **6 MEASURE**

Capturing critical performance data in real-time, anywhere.









### **Unrestricted data collection**

Use wearable technology and mobile devices for real-time metrics.

### **Real world application**

- Commanders monitor readiness in real-time.
- · Quickly identify and address performance issues in austere environments.
- Integrate health and performance data for comprehensive operator profiles.

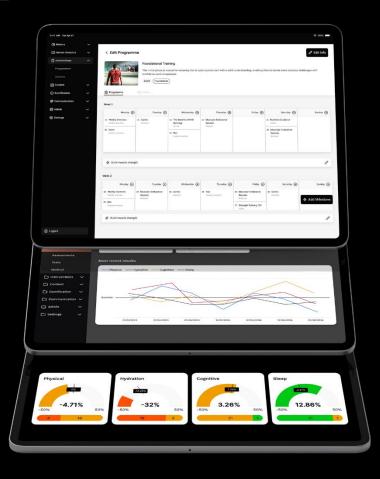


### Advanced data processing

Detect patterns and anomalies in operator performance.



# **MANAGE**





### Custom data dashboard

Ability to build custom reports with set permissions.



### Content management

Manage bespoke content build for your audience.



### Intervention design

Make the platform more engaging with the option to add leaderboards and challenges.

# **Advanced analytics**

- · Leverage algorithms to analyse performance data, predicting trends and potential issues.
- Provide commanders with clear, actionable insights for decision making.

# Intervention design

- Use data to align appropriate intervention with relevant operator groups.
- · Design training programmes, education courses and behvioural change mechanism.



Scalable delivery solution with real-time feedback.



Scalable delivery



Real-time user feedback



Behaviour change tools



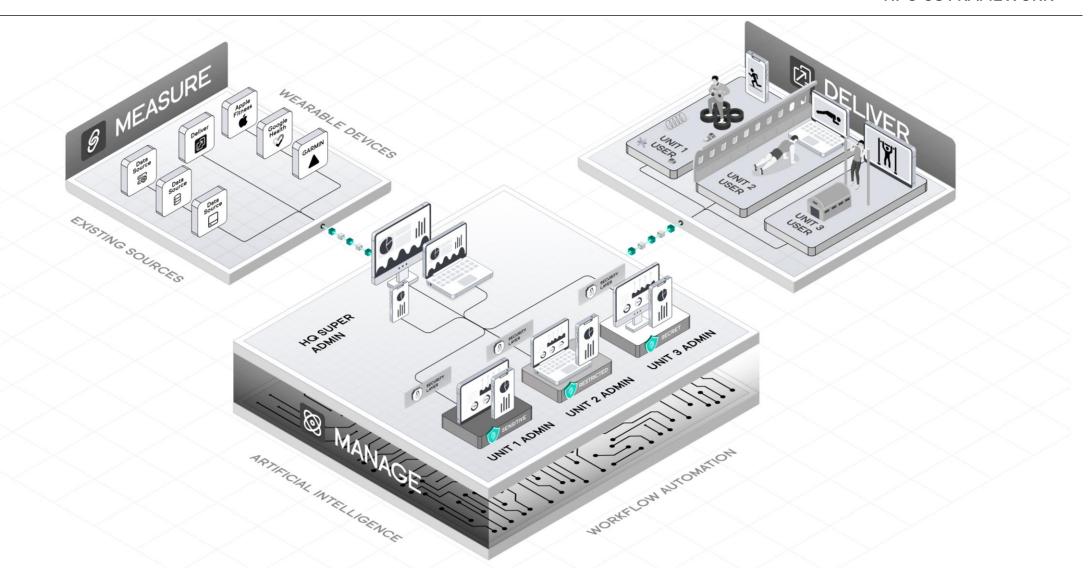
# **Performance Insights**

- Deploy interventions across entire organisations at global scale.
- Use mobile apps, web portals or both for flexible delivery.

# **Data Analytics**

- Monitor and track intervention engagement in real-time.
- Adjust strategies based on continuous data streams.





# **USE CASES**





# **COMMANDO READY**



### **Problem**

Assessment failures and high injury rates at basic training.



### Solution

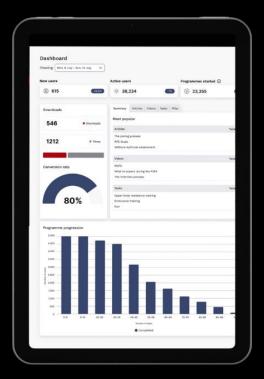
A bespoke performance solution that provides an ability to assess candidates, then deliver a range of tailored performance programmes and track progression.

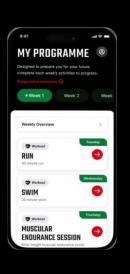


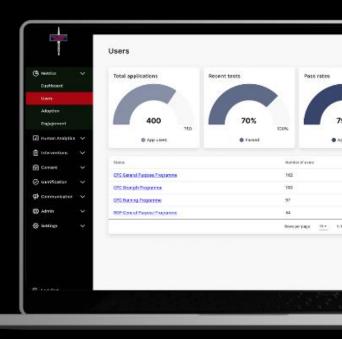
### Outcomes

Increase pass rates for physical assessments and reduce injury rates at during training.









Commercial - In Confidence

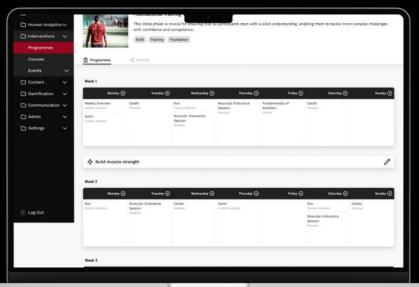
19













6 weeks

Navy Ready



### **Problem**

Assessment failures and high injury rates at basic training.



### Solution

A bespoke performance solution that provides an ability to assess candidates, then deliver a range of tailored performance programmes and track progression.



### **Outcomes**

Increase pass rates for physical assessments and reduce injury rates at during training.





# **16 BRIGADE ANALYTICS**





### **PROBLEM**

High number of non deployable personnel due to high operational tempo.

### SOLUTION

A bespoke Assess solution to maximize deployability, enhance training design and better manage HQ staff degradation.

### **OUTCOMES**

 Better prepared personnel prior to deployment.
Optimised training environment to enhance skills development and knowledge consumption.
Enhanced operational procedures to better manage unit and HQ degradation.

# SUPPORTING INFORMATION



# Operational support services to suit your requirements.

- Expert operations team to mobilise and scale your solution.
- Performance team covering all facets of Human Performance.
- Research, communications and engagement support.



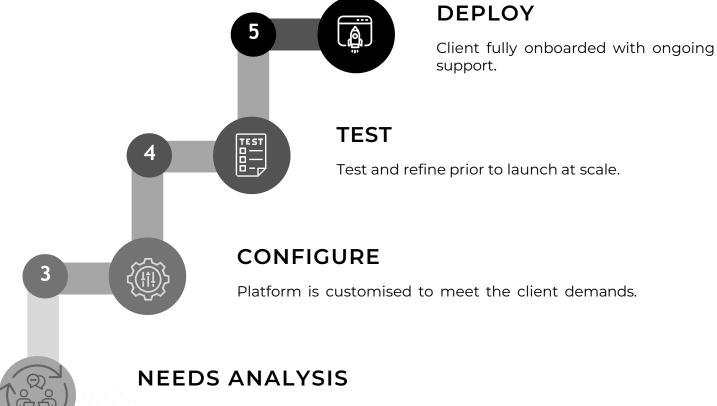


# A tailored approach.

Individual problems require a bespoke solution that is tailored to the needs of the organisation.

Our operating model works to fully understand the problem and then configure the solution accordingly.

We will form a close collaborative working relationship to mobilise, test and continually optimise the solution.



Operations and Tech teams review client needs and identify problem to address.

BRIEF

Client identifies organisational needs. Timelines are set.



# **QUALITY MANAGEMENT**

Assessment failures and high injury rates at basic training.

# Highlights

- 1. Vetted UK-based development and management team
- 2. Open architecture to allow secure API calls
- 3. Data held in secure, UK based AWS servers\*
- 4. Containerised option available

# **Integral Knowledge of MOD Security Requirements**

- JSP 440 /441 compliance (Information, data handling and processing policies)
- Security Definition and Management Document (SDMD)
- Secure by design process for accreditation (JSP 604 & NIST Compliance)
- Security Aspects Letters (SAL) and Personal Data Assurance Letters (PDAL), including Data Protection Impact Assessments (DPIA) used to govern and assure activity

\*There are multiple examples where nonMODCloud hosting options have been used to excellent effect, such as, Case Centre by the Military Courts Service, and Holmes on a Unisys Cloud for Police data.





# **Existing Credentials**





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