

Ai-Move

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Detects physical and health-related issues in the workplace.
Increases productivity and reduces risk and cost of sickness absence.

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Ai-Move: the artificial intelligence platform that detects physical health-related conditions in the workplace

Ai-Move is a unique digital service aimed at health prevention and motivation in the workplace that measures and analyses physical movement to help with the early detection of problems. The service benefits both workers (optimising health) and employers (boosting productivity and reducing absentee costs).

The Ai-Move project integrates Qinematic's Posture Scan, an optical sensor service that gathers detailed information about movement patterns. Ai-Move analyses all the scan data and other metadata to reveal existing or potential problems, often before symptoms arise. The data is visualised through a secure web app available to both the employee and the health service provider. Through scientifically-validated assessments and 3D visualisation, the

service improves awareness and empowers people to be proactive about maintaining optimal health and/or compliance with rehabilitation plans. Affected employees respond much better to early and individualised interventions, and will enjoy a better quality of life, without the torment of physical pain or dysfunction at work.



Competitive Advantages

- Proprietary skeletal tracking algorithms for accurate data acquisition
- Automated scan process for convenience and ease of use
- Decisions support algorithms based on analysis of thousands of scans
- Cloud based for scalability and remote service delivery
- Advanced knowledge about movement science and the health and wellness industry



Target Markets

- Health service providers and insurers in Europe, Australasia and Africa
- Employees for health awareness and prevention



Status and Traction

- Qinematic, as SME and business champion, introduces Ai-Move to the occupational health market as an additional service. Qinematic has customers in the Nordics, Germany, Holland, Belgium and Australia, including successful pilots with insurance companies.
- RISE SICS (Swedish research institute) is the Activity Lead on the Ai-Move project and contributes to project management, machine learning and user-motivation methods;



Road Map

2018

- Development of the machine learning platform that analyses Qinematic 3D scan data and a web application that visualizes results for health service providers and employees.
- Ai-Move will be introduced to the market by Qinematic as an additional service for automated decision support and digital communication between employees and health service providers.

2019

- Validation and verification of novel approaches on analysis and visualization of data.
- Decision support functionalities will be expanded thereafter.



Connect



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Location

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