



Business benefits:

- A best-in-class cloud platform, securely delivered from the UK
- A shared focus on solving problems and addressing opportunities
- An exclusive partnership for UK-based projects

Real-time health tracking meets sophisticated analytics in Rescon applications

Rescon solutions make it easy for people to track their health and wellbeing in real time, and enable outcomes to be predicted using powerful analytics. Working with UKCloud Health, Rescon ensures accredited cloud hosting of solutions for health and social care organisations nationally.

Between 70 and 90% of a clinical diagnosis can be made based solely on a patient's history¹. Despite this, clinical history-taking is inherently limited because of issues in memory recall, communication and transcription.

"All sorts of factors can make it difficult to get a clear picture of the patient's history, including linguistic, cultural or socio-economic barriers," says Dr Tom Dawson, of Rescon Technologies. "And owing to the natural clinical filtering process, the exact message isn't always transcribed directly into clinical records."

That's where Lincus comes in. Developed by Rescon, Lincus is an easy-to-use, icon-based application that lets an individual record and quantify in real time how they're feeling, what exercise they've taken, how they've slept – in short, any factors that contribute to accurate tracking of their health and wellbeing over time. The application does this by using a research-based digital framework, which allows population-wide comparative analytics to be performed.

Lincus, used on a smartphone or via a web browser, can also be integrated with connected devices such as scales and blood pressure cuffs, to record and track changes that can be measured objectively.

A flexible, configurable solution

Lincus can be used by any individual (and was recently adapted for military personnel), but is primarily designed for health and social care organisations which are commissioned to care for a group of people. For example, Hft, a charity supporting 2,500 adults with learning disabilities throughout England, uses Lincus as an evaluation and care management platform.

Rescon configures Lincus to meet each organisation's needs, either by setting aside functionality that's not required, or by developing additional capabilities.

"We know that when you introduce new technology, it needs to integrate smoothly into existing workflows," says Dawson. "To ensure Lincus can interoperate with the systems already used by an organisation, developments are often made iteratively, working in partnership."

¹ Tsukamoto et al. 2012

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**Dr Tom Dawson,
Managing Director, Rescon**

Finding the right partner

Rescon works as a key partner with the Diabetes Digital Coach, an NHS/IoT test bed led by the West of England Academic Health Science Network (AHSN). This project is evaluating the use of digital self-management technologies to support people with diabetes.

As UKCloud Health provides the cloud platform that hosts Lincus for the project, Rescon and UKCloud Health worked closely together throughout the implementation.

“We were already aware of UKCloud Health, but the Diabetes Digital Coach project was a great opportunity to get first-hand experience of working with them,” says Dawson. “The more we found out about them, the more convinced we became that we wanted to partner with them.”

Dawson considers that UKCloud Health shares Rescon's core principles of solving problems, addressing opportunities, working collaboratively, and ensuring sustainability for the ecosystem. “Like us, UKCloud Health sticks to its principles and works to high standards,” he says.

Lincus Defence: improving performance

For Rescon's Ministry of Defence work for a customised Lincus implementation, Dawson immediately knew which cloud service provider to choose. “We needed a best-in-class cloud platform, delivered from the UK, that met the MoD's security and accreditation requirements,” he says. “UKCloud was the obvious choice.”

Rescon developed Lincus Defence, a standalone offering for the MoD that's configured for defence personnel use, and hosted on the UKCloud platform. Lincus Defence is part of an initiative that uses the quantified self to improve people's performance: not just physical, but mental and social performance as well, in order to evaluate, for example, how well people work in teams.

Lincus Defence also integrates data from wearable devices, and makes more extensive analytics available than commercial applications and tools typically provide. As a result, the MoD can extract more information from the data that's generated and glean new insights.

An exclusive partnership for UK projects

Current Rescon projects are hosted on the internet-accessible UKCloud Assured platform. “If a customer wants us to build an application that's accessible only via a closed government network, UKCloud's Elevated platform is ready and waiting for us to use,” says Dawson.

With the partnership off to a successful start, Rescon is in the process of transitioning its entire production operation to UKCloud. The company's intention is to work exclusively with UKCloud in the UK.

“We get excellent, personalised support from the UKCloud team,” says Dawson. “We're now looking forward to exploring more of what the UKCloud partner programme has to offer.”

About Rescon

Rescon researches, develops and delivers human performance technologies and services. Its technologies help individuals, populations and communities to reach their maximum potential.

rescontechnologies.com

