

The background of the slide is a blurred photograph of a modern interior. On the right side, a person is seated at a table, looking out a large window. The window has a grid of rectangular panes. The overall lighting is soft and natural, suggesting a bright day outside. The text is overlaid on the left side of the image.

**everon™ group**

# Intelligent Assisted Living

TSA ITEC Conference

17<sup>th</sup> & 18<sup>th</sup> March 2025

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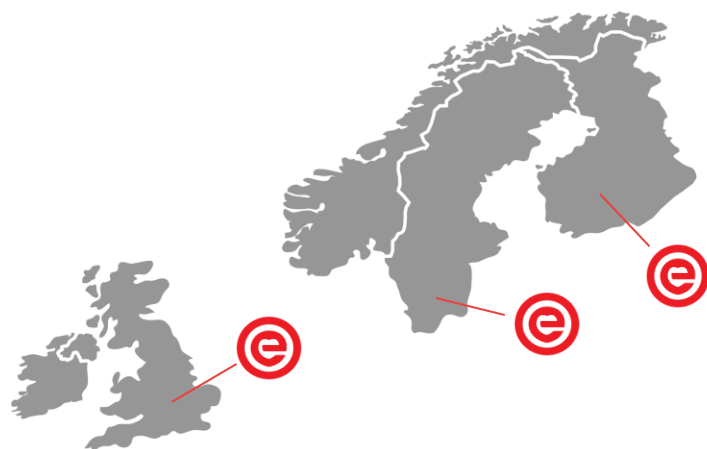
**Founded in 2004 and  
incorporated in 2007 in  
Finland**

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**Largest European Provider of  
Digital Wireless Cloud based  
Assisted Living Solutions**

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**UK Sales and Marketing Director  
Mark Smith  
Mobile: 07920 806 582**



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**Subsidiaries in Sweden and  
UK**

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**>1 million connections across  
the Group**

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**UK Business established in  
2009**



# Everon UK – Product & Services Roadmap



## Plug & Play

Accessible and secure

User-friendly tools, easy installation and constantly monitored alarm devices



## User Centred 360-degree solution

Flexible and adaptable services that can be personalised to each clients' unique needs.



## Cloud-based

Our solution has been developed to be future-proofed.

We are proud to contribute to a more sustainable world by developing long-lasting energy efficient solutions.

# Making Care Closer to Home a Reality

The Health and Care system must shift its focus away from hospital care to primary and community services\*

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It's not about closing hospitals it's about reducing the need for beds and ensuring shorter bed days per patient

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The development of services to support this objective is key for any serious contributor within the Assisted Living Market

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## Collaborative Working

Everon recognise that we cannot deliver the total solution - then need to identify and work with best of breed suppliers

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## Open Platforms – Integration of Data

Providing a more holistic view of care across the stakeholder agencies.

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## Interoperability

Providing choice to commissioners and service users alike.

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## Model to Change from Reactive to Proactive

The Everon roadmap includes the development of AI & ML that will support data trend and insight leading to proactive care

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# Lyra Cloud based Services

## Everon Eco System Lyra Cloud Services

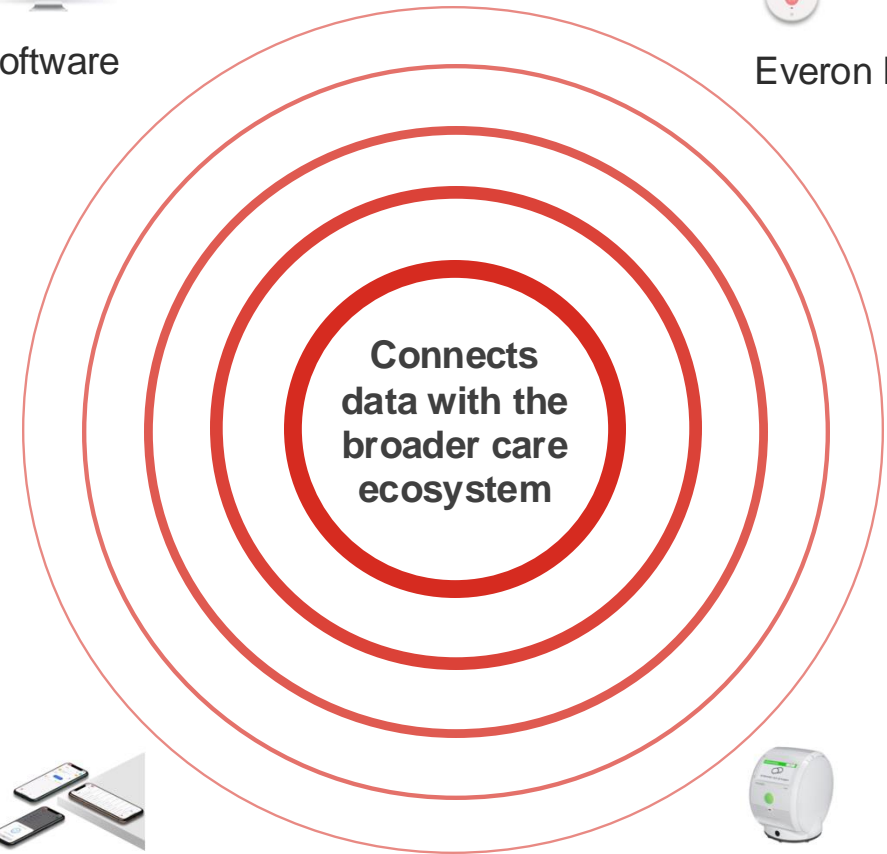
- 1 Digital Wireless Warden Call Systems
- 2 Alert Services
- 3 Activity Monitoring
- 4 Image Monitoring
- 5 Staff Security
- 6 Telehealth **howz**
- 7 AI & Trend Detection
- 8 Nurse Call systems
- 9 ADL Alerts **howz**
- 10 Digital Presence
- 11 **GPS Alarms** NAVIGIL



Everon Software



Everon Devices

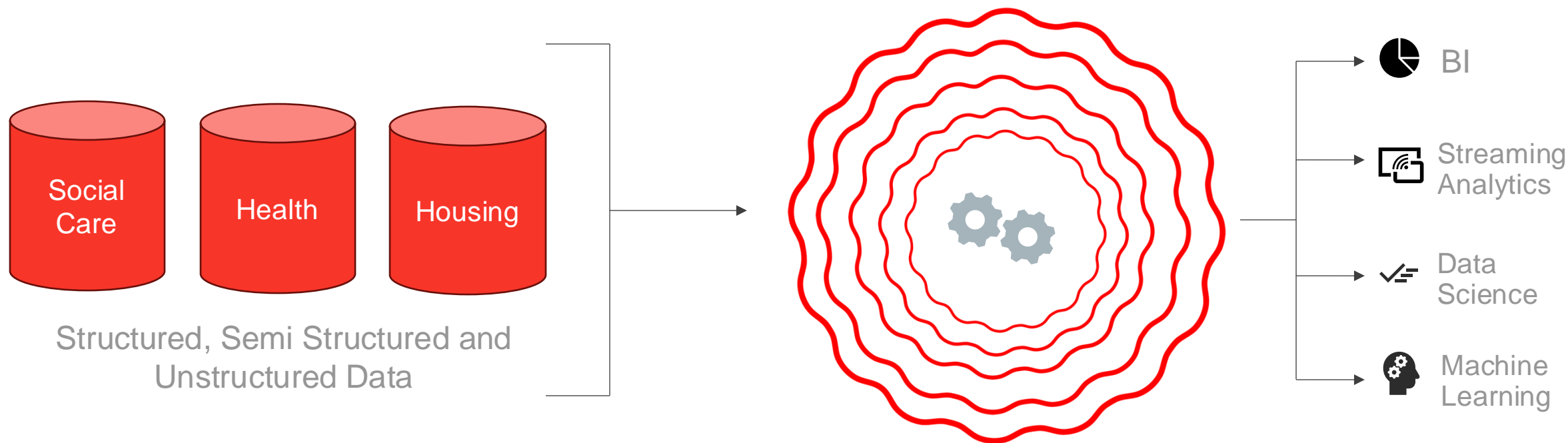


Customers Systems



3rd Party Devices

# Data Lakes – Foundation for AI Success



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A Data Lake is a centralized repository that ingests and stores large forms of data in its original forms

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The data can then be processed and used as a basis for a variety of analytical needs

# Origon

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Smart wireless gateway

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Voice connection

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3-level resilience (GSM, Wi-Fi, LAN)

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Scheme-wide location of individual

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Up to 64 telecare sensors

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“I’m OK” functionality

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Total site coverage utilising our  
MESH feature

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Constant Heartbeat monitoring

1 Access control

2 Alert buttons +  
Telecare peripherals

3 ADL

4 Medical devices

5 Digital presence (+AI)

6 Door Monitoring

7 Keyless access

8 Sensors



# AI Power is Accessible to Everyone



All service in one Smartphone app



Continuous monitoring of the service and connection



Neural engine handles 35 trillion tasks / second, outperforming Google's 16,000 core early AI by 27x



App available in Android and iOS



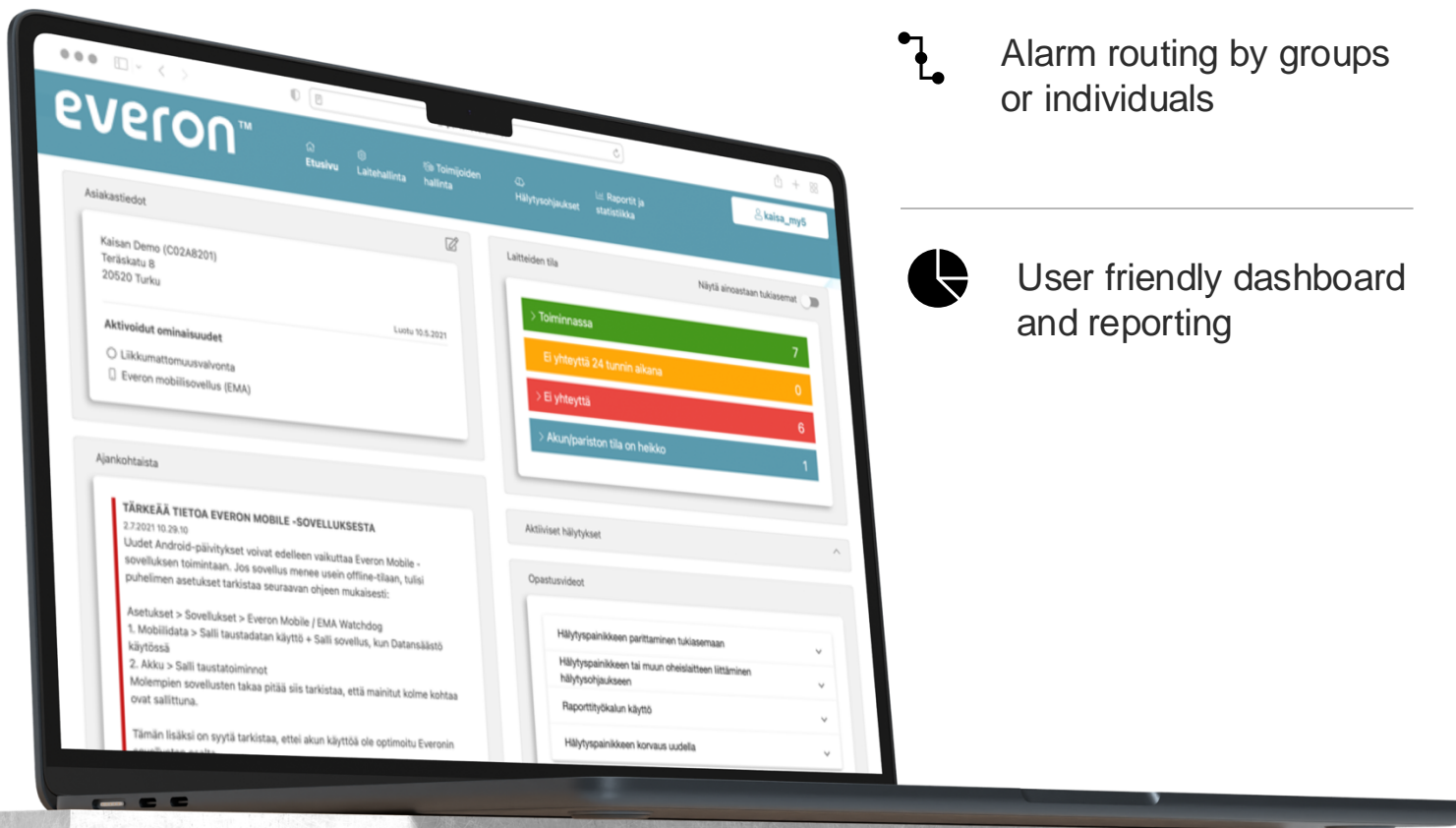
Team view for discussion and viewing of location of colleagues



Instruction for GPS alerts via Google Maps



# Everon Lyra Portal



Device management



Manager users



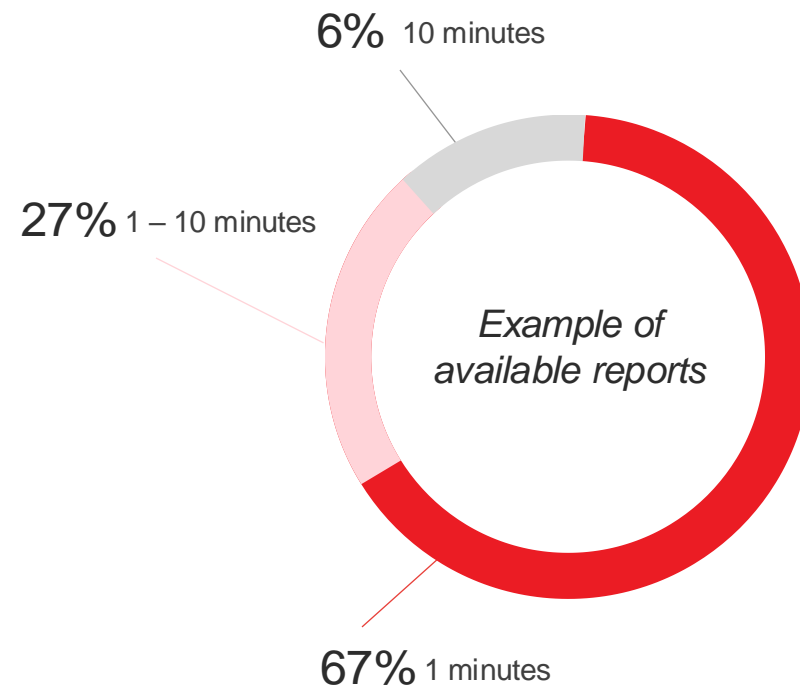
Alarm routing by groups  
or individuals



Training available to  
service providers



User friendly dashboard  
and reporting



# Integration – Alarm Receiving Centres

## DIGITAL

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End-to-end digital connectivity

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Support Industry Standard Digital Protocols

- Currently: CENELEC TS50134-9/SCAIP
- ShortIt: BS8521-2/NOWIP
- Currently: Everon xml  
(Enovation FAT approved)

## ANALOGUE

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If your ARC is not digital ready...

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Convert digital product to analogue

- BS8521 (analogue protocol)

You want to procure digital...

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Digital remote migration  
when ready



STAY ALERT

# Everwatch

The Everwatch is designed for persons suffering from dementia or Alzheimer's disease, persons with long term conditions, persons with learning difficulties and those working alone.



Heart rate

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Activity

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Respiratory rate

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Circadian cycle tracking

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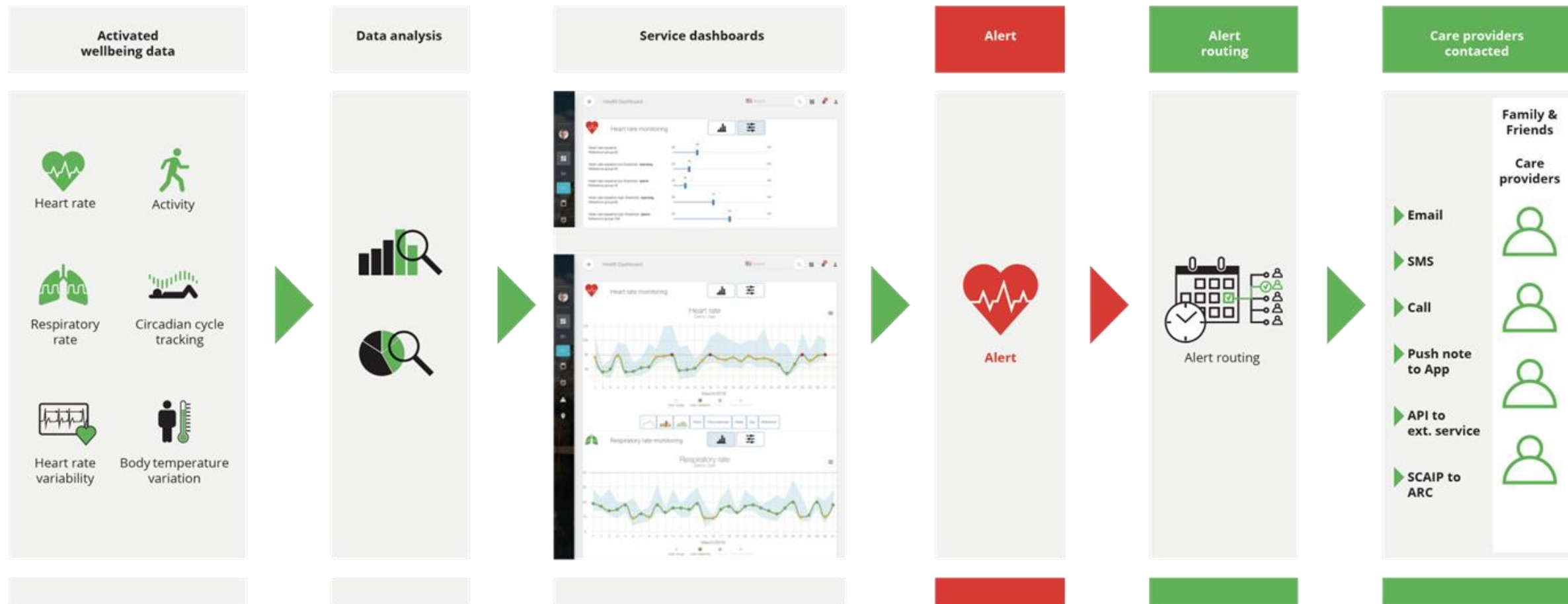
Heart rate variability

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STAY ALERT

# Everwatch Data Flow



STAY SAFE

# Environmental Sensing

5 sensors housed in 1 complete unit to measure temperature, humidity, CO2, movement and also push for alert function



Alarm & Alert at the touch of a button



Long Life Battery



Motion Sensor



Humidity Sensor



Temperature Sensor



Air Quality Sensor



STAY SAFE

# Passive Night Owl

1 Private secure supervision 24/7

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2 Empowers independence

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3 AI & ML based technology

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4 Improved care team efficiencies

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5 Reduction in false alerts

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HOWZ

# Remote Monitoring for Faster, Safer Hospital Discharge

howz



STAY SAFE

# Using Data From Multiple Device Types

Off-the-shelf sensor package

Howz provides ready to use sensor packs for customers who require them.

Standard prescriptions include motion sensors, door sensors and plugs along with a smart hub for data capture.

The Howz sensors are so quick and easy to install that it can be done by users and their families in just 20 minutes.

howz



# Howz Solution For Longer, Healthier, Happier Lives At Home



## Remote monitoring

Howz remote monitoring gathers around the clock, objective view of behaviour at home



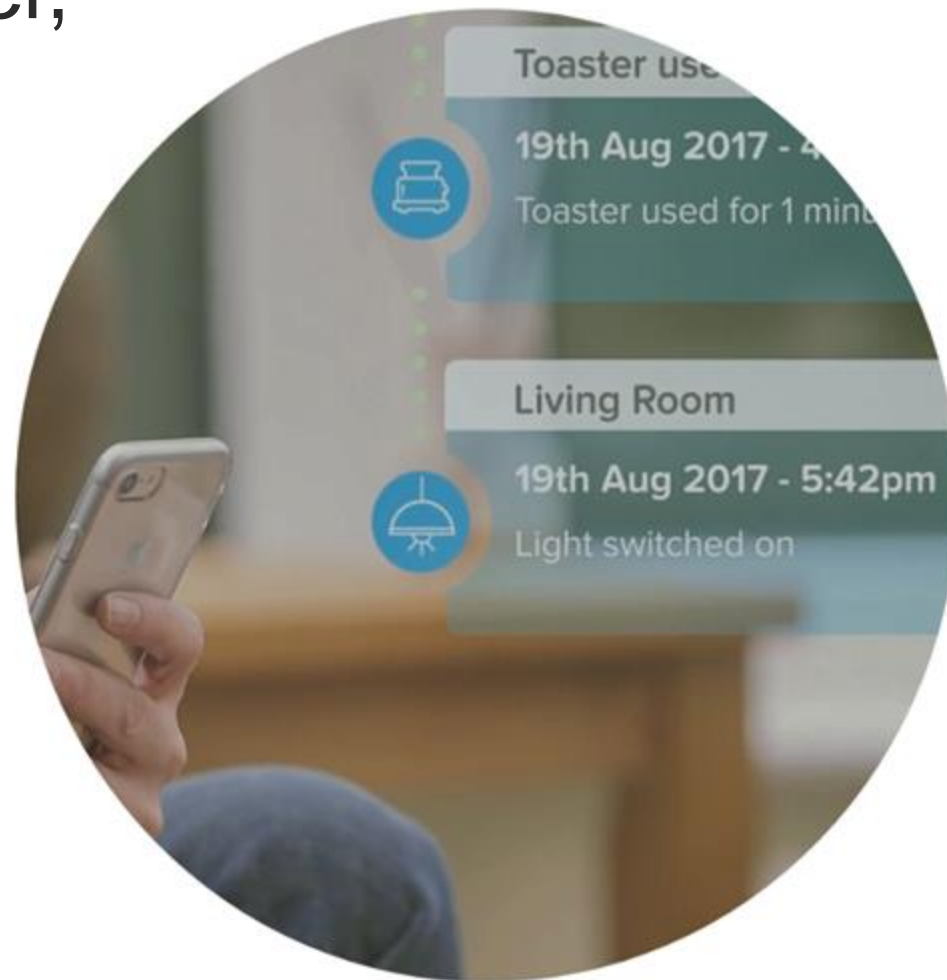
## Machine learning

Howz machine learning analyses each individual's circumstances, and flags indicators of risk



## Care analytics

Howz keeps care providers informed with a family app, alerts and reports for care teams



# Using Data From Multiple Device Types

## WIDE RANGE OF TECH INTEGRATIONS

Howz deploy a broad range of sensors and technologies to support users living independently.

Our relationships with the NHS and the Dementia Research Institute mean that we are relied on to identify, develop and release the best technologies available.



Behavioural monitoring for early intervention:

Motion sensors, door sensors, smart plugs



Environmental Monitoring:

Humidity Sensor



Medical devices for condition monitoring:

Air Quality Sensor



Reactive devices for emergencies:

Panic Buttons

# A Platform To Guide Care Decisions

NEXT GENERATION OF REMOTE MONITORING

Howz brings the future of technology to remote monitoring to deliver a platform that enables fast and accurate cohort level decision making.

Our analytics are used for:

- Strength based reablement
- Short term care needs assessment
- Long term assessment of progressive conditions
- Assessing high-cost care packages
- Admission avoidance

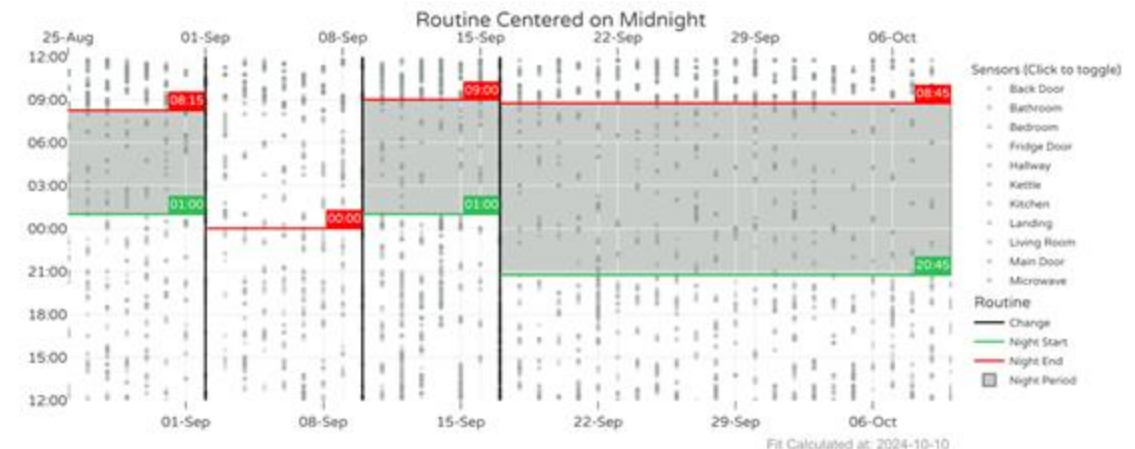
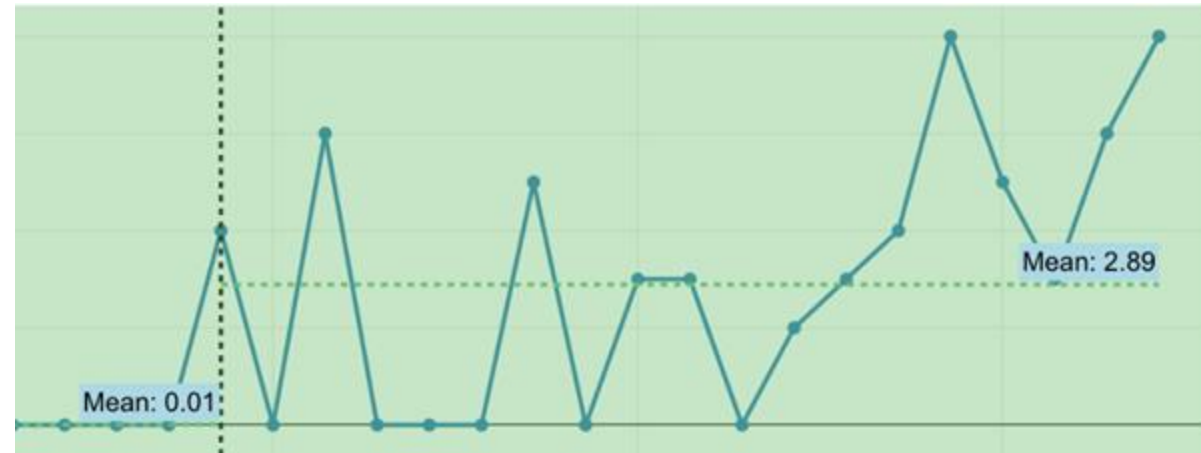
Is Hub Online? ↓	App	Food	Hygiene	Night	Rest	Social	Lifecycle
✓	●	●	●	●	●	●	active
✓	●	●	●	●	●	●	active
✓	●	●	○	●	●	●	active
✓	●	●	●	●	●	○	active
✓	●	●	○	●	●	●	active
✓	●	●	●	●	●	●	active
✓	●	○	●	●	●	●	active
✓	●	●	●	●	●	●	active
✓	●	●	●	●	●	●	active
✓	●	●	●	●	●	●	active

# A Platform To Guide Care Decisions

## REALTIME SUMMARIES & DEEP INTELLIGENCE

Howz portal provides easy to read overviews, backed up by in depth to care analytics to enable the right interventions.

Whether changes in sleep, bathroom use, front door use, eating or general pattern of life, user behaviour can be visualised across time for easy decision making.



# A Platform To Guide Care Decisions

## CUSTOMISABLE ALERTS

Howz generates user-specific alerts based on key markers that signify high risk.

Alerts can be switched on and off for each user and customised for their behaviours with emails going to tech teams so they can respond immediately.

Reports can also be extracted from the portal and emailed to teams as user specific wellbeing summaries.

### Alert Settings

#### Day Settings

First Activity	<input type="checkbox"/>
Low Day Activity	<input checked="" type="checkbox"/>
Late Wakeup	<input checked="" type="checkbox"/>
Temperature Under 16c	<input type="checkbox"/>

#### Night Settings

Up in the Night	<input checked="" type="checkbox"/>
No Night Activity	<input type="checkbox"/>

#### 24hr Settings

Door Opened	<input type="checkbox"/>
Door Left Open	<input type="checkbox"/>
Unexpected Activity	<input checked="" type="checkbox"/>
Away from Home	<input type="checkbox"/>

HOWZ

# Bringing Families Into Care Delivery

The Howz app provides a real-time view of wellbeing directly to users, their families and their support networks.

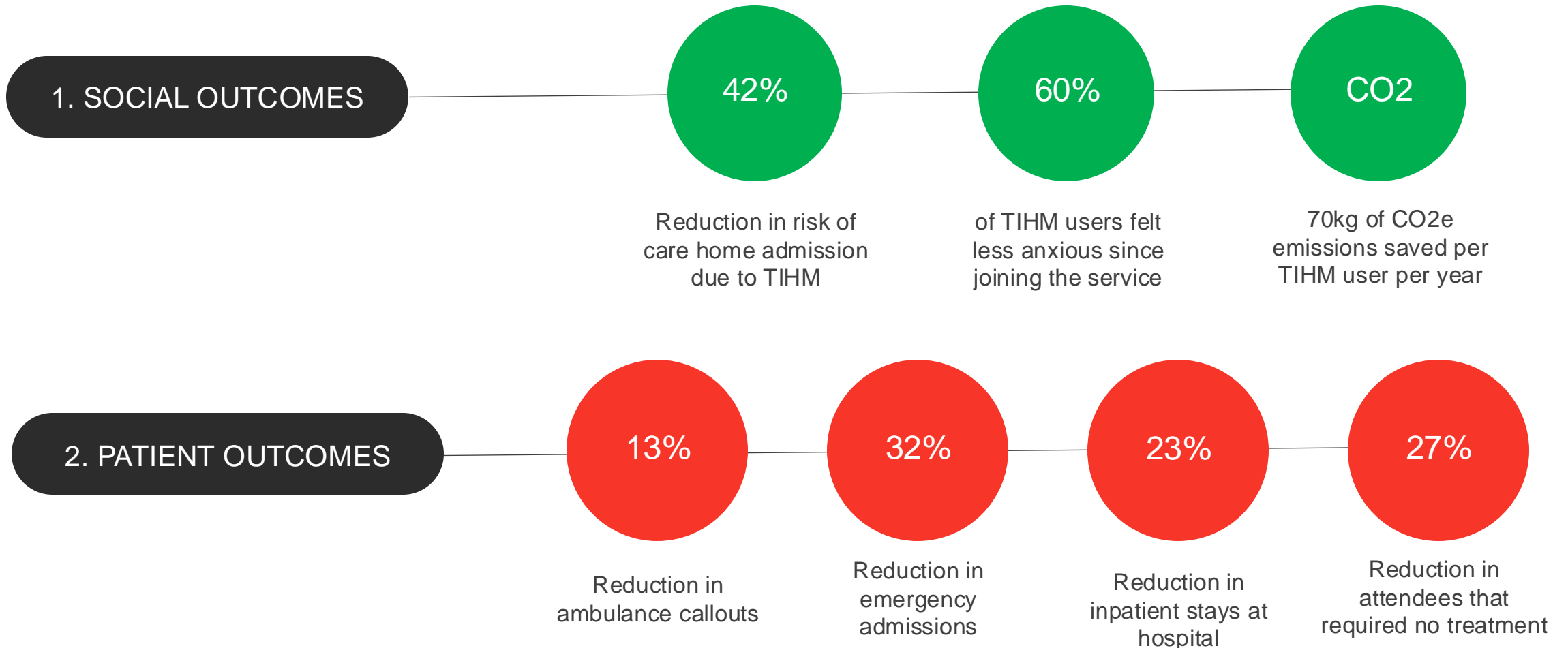
Howz provides the information families need to take more ownership in the care of their loved ones, reducing the burden on care practitioners.

Our service has been evidenced to provide a 60% reduction in anxiety for users and their loved ones.



howz

# Validated Care Outcomes



For more information:

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