Shahriar Haque COO - Integrella



Itzik Levy CEO – Ummanu Health





When disaster becomes opportunity

The hacking & recovery of the NHS 111 service

Shahriar Haque Chief Operating Officer Integrella Itzik Levy Chief Executive Officer Ummanu



Ummanu and Integrella – Where did it all begin?



- Integrella has been delivering healthcare integration projects across strategy, design and implementation for the last 15 years.
- Ummanu provides a game-changing telehealth automation platform that radically optimise clinician productivity and patient safety.
- Earlier this year, we leveraged the InterSystems IRIS for Health data platform and AWS technologies to link NHS 111, Ummanu and urgent care providers.
- Unique interoperability solution for NHS 111, High Level Architecture.



www.ummanu.health www.integrella.com

#UKISummit22 18 october 2022

Ummanu's system and technology in numbers



500

Active clinicians on the system 24hrs/day

4-12

Consultations/hr by each clinician

2m

Online consultations in 2022

 20_{mins}

Average patient waiting time

26

Different clinical specialities delivered via the system

88% cases

Require a single remote intervention

Ummanu is a digital health tech company. A part of the Davidoff Group of companies, with technologies and services that support the needs of over 40 million people every day across three continents and multiple markets including the UK, the US, India and China.

www.ummanu.health www.integrella.com

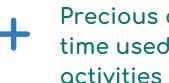


#UKISummit22 18 october 2022

Administrative call-handling tasks impact clinicians' productivity



Workforce challenges



Precious clinicion's time used for admin

- Increasing use of agency
- staff & admin staff, which leads to high costs





OUR SOLUTION Autonomous Predictive Dialer with a Smart Virtual Waiting Room

Insufficient communication with waiting patients impact patient experience



Long waiting times

Patients frustrated with being uninformed



.

 satisfaction and confidence





OUR SOLUTION Automated communication management for comfort (welfare) calls and notifications throughout the patient journey

Inconsistent management of waiting lists is also impacting clinical safety



Long waiting times

Biased and inefficient urgency management of cases Jeopardised

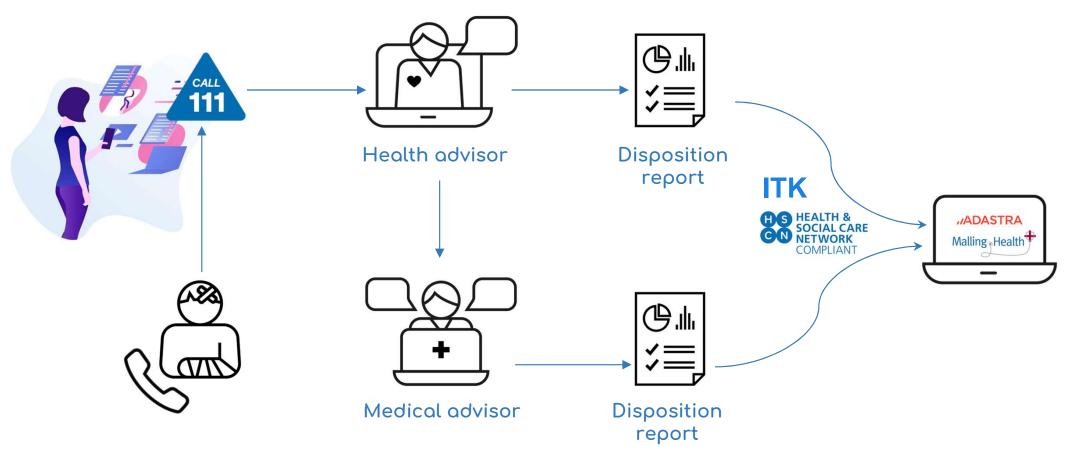
clinical safety



OUR SOLUTION Smart management of case urgency streaming based on agreed organisational disposition

Urgent Care work process

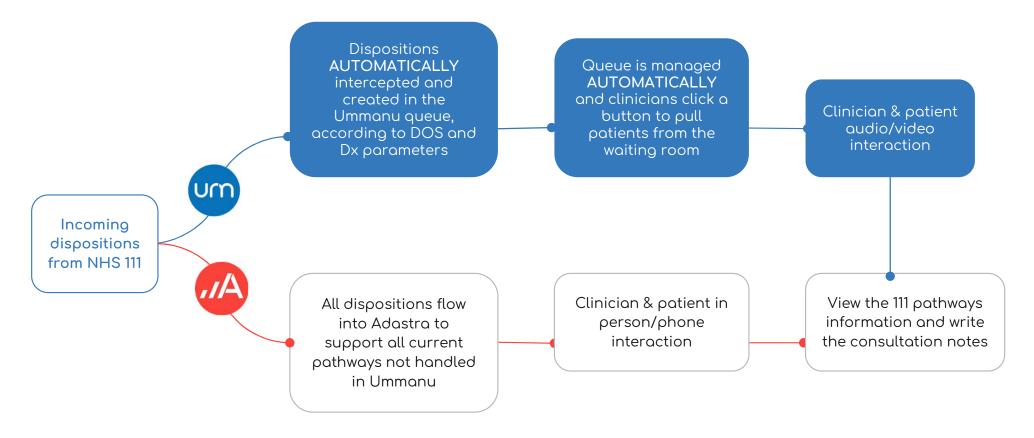




#UKISummit22 18 october 2022

Ummanu & Adastra flow

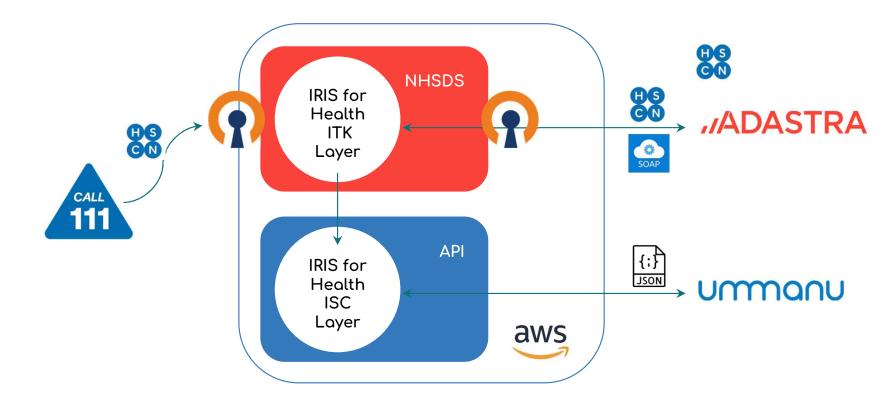




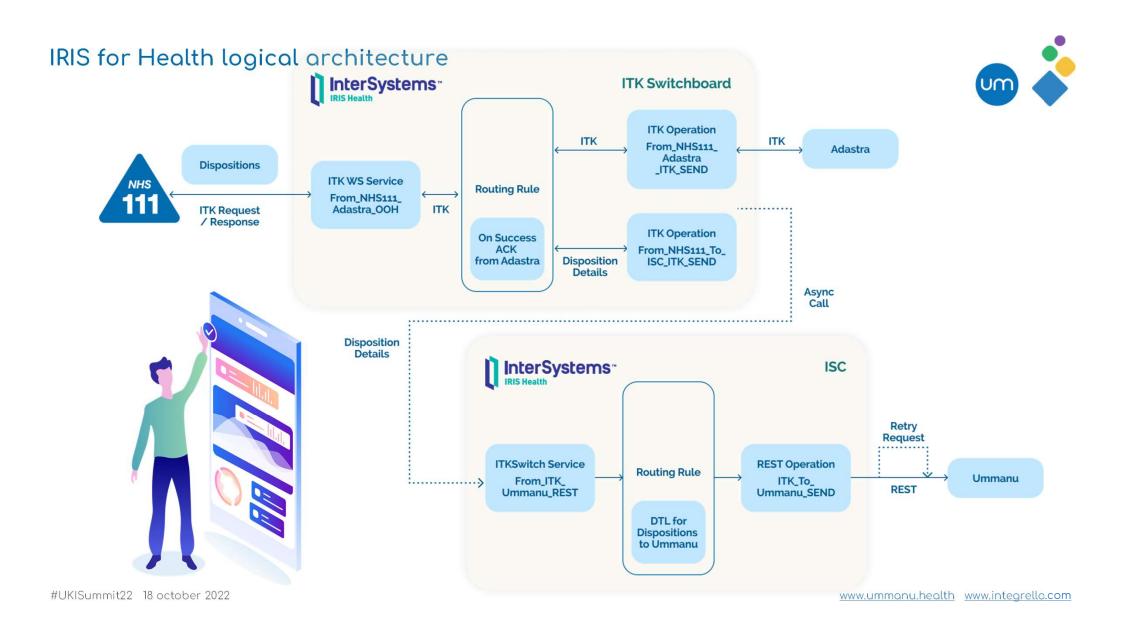
#UKISummit22 18 october 2022

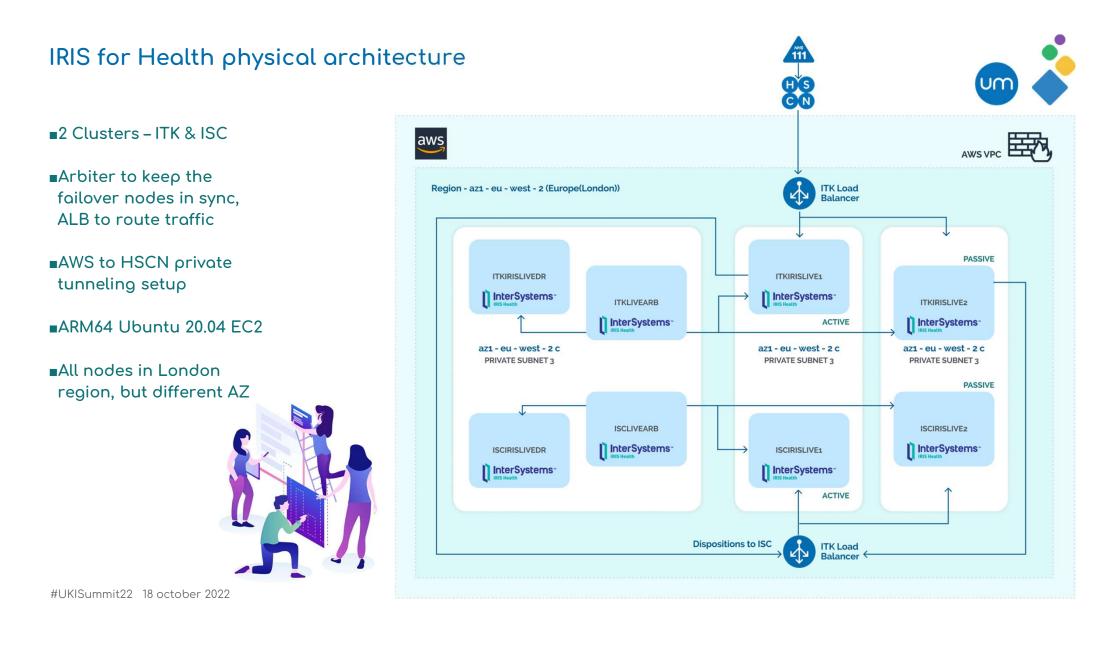
High-level solution architecture





#UKISummit22 18 october 2022





1	add title -Sharlene Lopez 14/10/2022		
	, 14/10/2022		

Slide 12

Response to Advanced Software Outage

"The attack targeted the system used to refer patients for care, including ambulances being dispatched, out-of-hours appointment bookings and emergency prescriptions.

"But the NHS soid disruption was minimal. The National Crime Agency said it was 'aware of a cyber incident' and was working with Advonced."

"A security issue was identified yesterday, which resulted in loss of service," soid Advonced boss Simon Short.

"We can confirm that the incident is related to a cyber-attack and as a precaution, we immediately isolated all our health and core environments."

"He said the issue had been contained 'to a small number of servers'."

"Advanced has indicated the issue might not be fully resolved until next week."





BBC News 6 August, 2022

NHS 111 software outage confirmed as cyber-attack

BBC





Disaster as opportunity: a brighter pathway 'when the lights go out' NEWS AUG 26, 2022

Ummanu, a technology company that provides a telemedicine platform focused on remote consultations, and Birmingham and District GP Emergency Room (Badger), which provides around 1.4 million people with out-of-hours and urgent care, recently provided a rapid 'fix' when a cyber-attack took down health IT systems used by the most of the UK's NHS 111 services.

Environmental strategy launched at low-carbon Orkney hospital

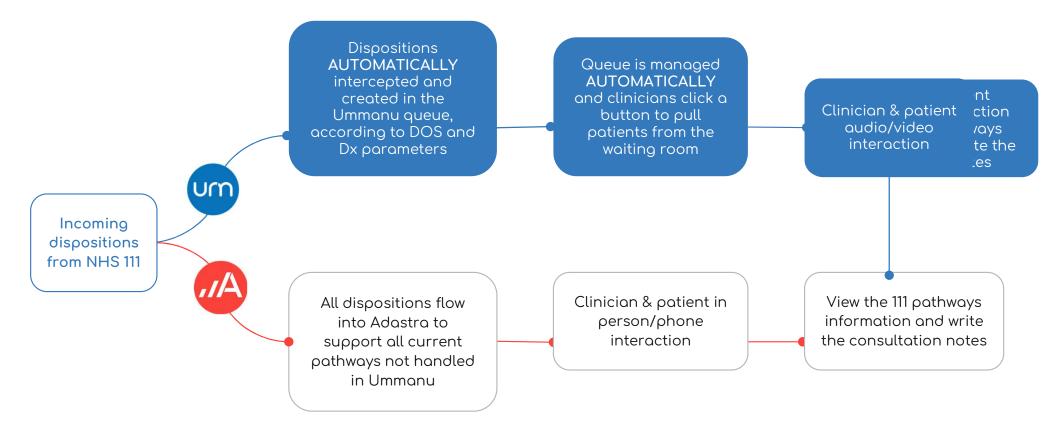
NEWS AUG 26, 2022

www.ummanu.health www.integrella.com

#UKISummit22 18 october 2022

Ummanu & Adastra flow





#UKISummit22 18 october 2022

Thank you for listening

For a detailed demo or to speak with our Head of Interoperability contact:

Itzik Levy CEO https//ummanu.health itzik@ummanu.health

Scan for

Ummanu

Umpowering Telemedicine



For more information contact:

Shahriar Haque COO https//integrella.com shahriar.haque@integrella.com



Visit our stands