





Innovation and Intelligent Automation

Making Time Matter with Intelligent Automation

Making Time Matter

Robots will wipe out humans and take over in 'just a few centuries' warns Royal astronomer

A ROBOT uprising could be closer than ever predicted - according to royal astronomer Sir Martin Rees, who believes machines will replace humanity within a few centuries.

By SOFIA PETKAR

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Humanoid robots will 'take over the world' and professor warns we won't be able to spot them

Robotics expert Noel Sharkey says androids will soon be completely integrated in society working as shop assistants, bar staff and careworkers

More than 70% of US fears robots taking over our lives, survey finds

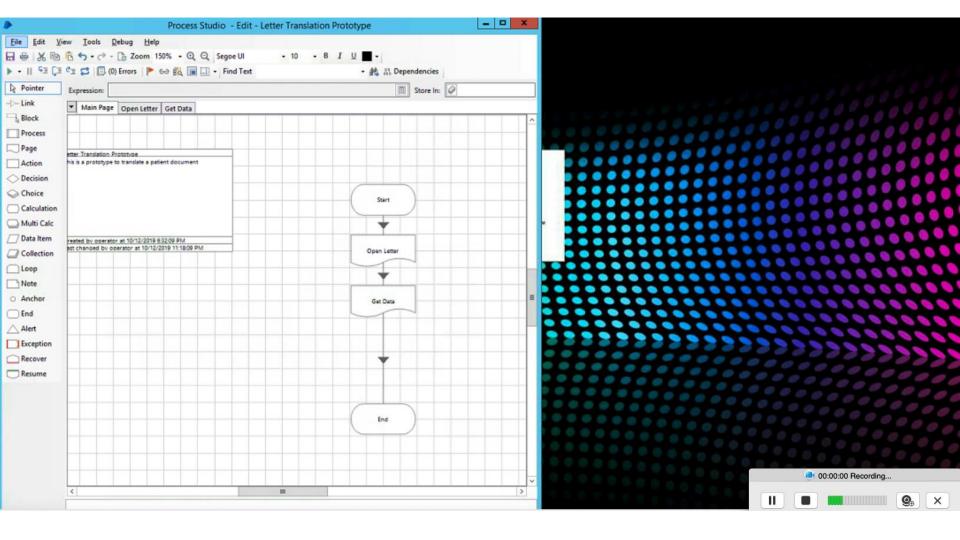
As Silicon Valley heralds progress on self-driving cars and robot carers, much of the rest of the country is worried about machines taking control of human tasks





Demonstration from Digital Exchange

world class expertise 🔷 local care





Case studies: Intelligent Automation services

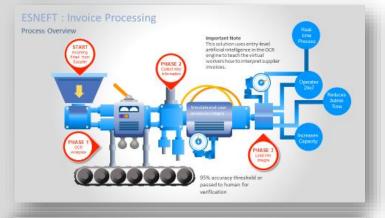


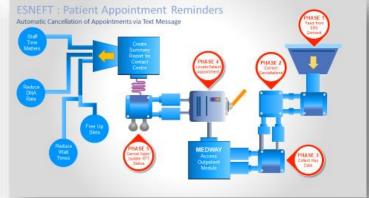


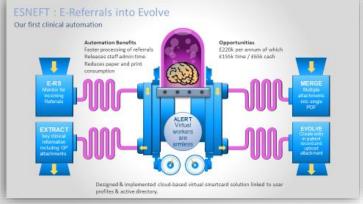
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How are Robots helping us?

600+ Processes – By the NHS for the NHS – Corporate and Clinical across the whole ICS

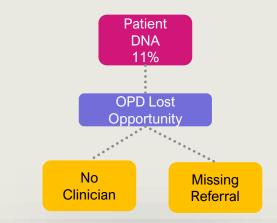


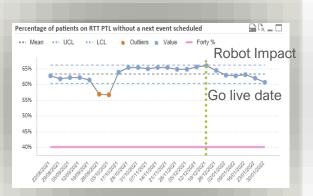






What does this mean for teams and patients?





Referral Upload	Automated Referral Upload and Modification	Yearly	Av time (mins)	Yearly time (mins)	WTE
	Average number of eRS referrals (week)	2728			
	Increase to robot effectiveness	60%			
	# referrals no longer needing manual intervention	-81849	5	-409200	-4.94



WHERE NEXT...

Recent service led workshop identified 23 workflows suitable for automation = 130,000 admin hrs saved

- 6 FTEs redirected from referral uploads to patient booking
- No same day cancellation for patients
- Business exception rate <4%
- Resource ready to onboard CAS/RAS/PIFU
- Process being rolled out for 2 week cancer wait patients



NLPSS Recruitment RPA in 2022



Key Achievements

√ 18 RPAs live for all partners (19th RPA due for completion by the end of 2022)

Out of the total RPAs:

- 5 new RPA processes for HEE RPA delivered simultaneously with implementing new ways of working
- ✓ 3 ID/RTW checks RPAs adapted and reintroduced for post COVID-19 arrangements
- ✓ 2 RPAs implemented to support newly introduced Trac new starter e-forms
- √ 50% were existing RPAs enhanced and deployed to all partners, and 50% were new developments



List of RPAs

Send files to customers

General Recruitment & HEE Rotations	HEE Rotations		
Create e-files	HEE Rotations - saving trainees spreadsheets HEE Rotations - update HEE trainees master		
Conditional Offer Letter NLPSS External	spreadsheet		
Conditional Offer Letter NLPSS Internal	HEE Rotations - upload new HEE trainees to Trac		
Virtual ID/RTW checks – guest links	HEE Rotations - send contracts to new starters		
Virtual ID/RTW checks - downloads	HEE Rotations - send contracts to HEE rotators		
Virtual ID/RTW checks – chasers	HEE Rotations - payroll hire for rotators		
Professional registration checks	HEE Trainee Satisfaction Surveys		
New starter e-forms download			
Applicant & Manager Satisfaction Surveys			
Zip files			



Over 18,657 applications verified and processed saving over 1500 hours of admin time, improved data quality and faster turnaround times.

ICELAND SHOPPING DELIVERY SLOTS



Over 1m home shopping delivery vouchers were delivered to 27,099 social care organisations across England

NATIONAL AUTOMATIONS



NHS Centre of Excellence

Supporting 68 organisations across the UK

28 National Awards

Supporting the NHS - By the NHS for the NHS



Liverpool Women's

Derby and Burton

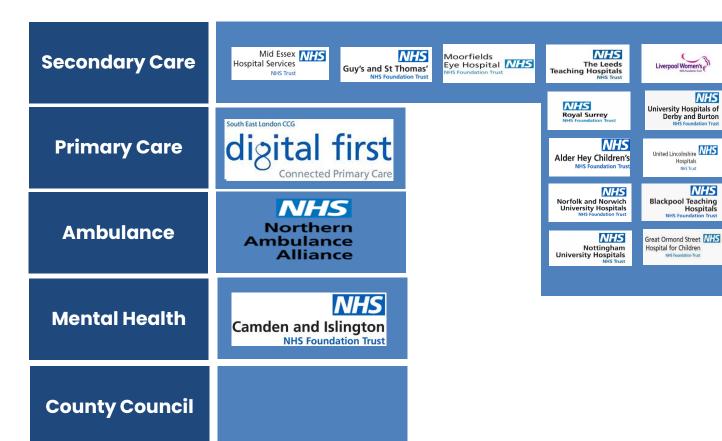
United Lincolnshire WHS

Hospitals

NHS Foundation Trust

NHS

NHS



By the NHS for the NHS

The NHS DX, Consultancy Services – "by the NHS for the NHS"



The NHS Digital Exchange contains over 50 artefacts that will accelerate deployment of RPA throughout the NHS.

RFL lead the DX and with advanced technical knowledge that can support NHS organisations across the UK to re-purpose and deploy the existing library through consultancy.

RFL lead and host the NHS automation leaders forum, promoting collaboration and offering services from within the RPA community.

For common processes (e.g. GP Referrals in PAS/EPR), a **rapid deployment consultancy model** can be developed that will give organisations the ability to mobilise at **pace**.



Intelligent Automation in Health

#somethingincredible - sharing real world experiences



Some examples of automation in healthcare as well as offering helpful advice, webinars and videos.



Automation Forum - Berlin



Team Strategy Days



Something Incredible Blog



VOCAL Council



Automation Café Live



NHS RPA Live in London









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UK Authority