ITAC 2016

Digital Transformation in Health and Aged Care

Gabe Rijpma
Sr. Director Health & Social Services Asia
Microsoft
gabery@microsoft.com

Steve Gleason

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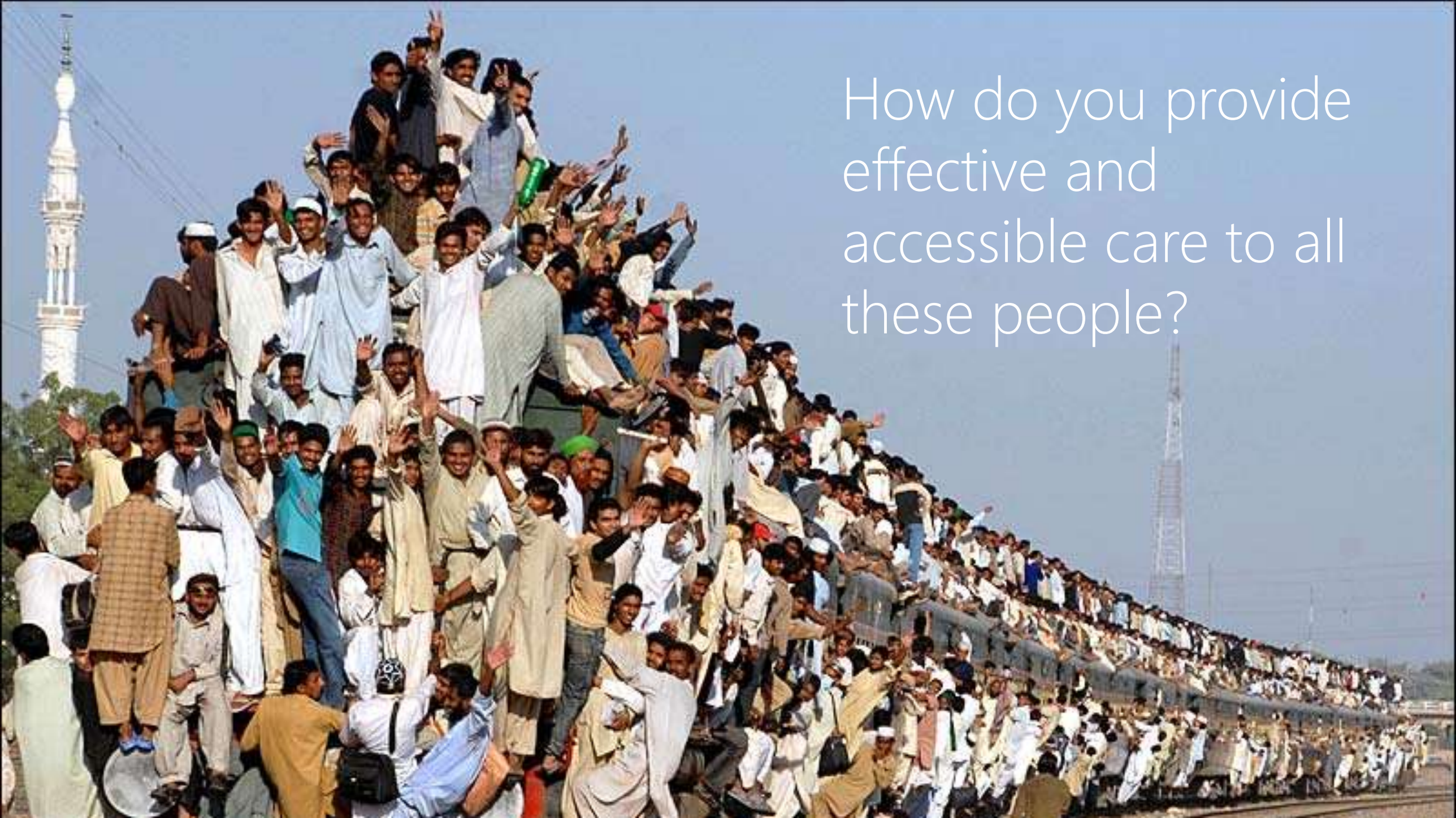
A Doctor sees up to
170 patients a day at
this outpatient clinic
in Seoul, Korea


How do you provide effective and accessible care to all these people?

Waiting list issues in Australia?

Challenger Mindset

Microsoft

The Disruption of Care is here

The Global Opportunity to make a difference

DISRUPTION IS HERE

Innovation Opportunity

Digital Life

Care & Health Without Walls

Digital Work

Between visit interactions
Remote Monitoring, IoT, Agents, Analytics,

Virtual care
Video consultations, Secure messaging, Booking

$88B

$58B ($26B)

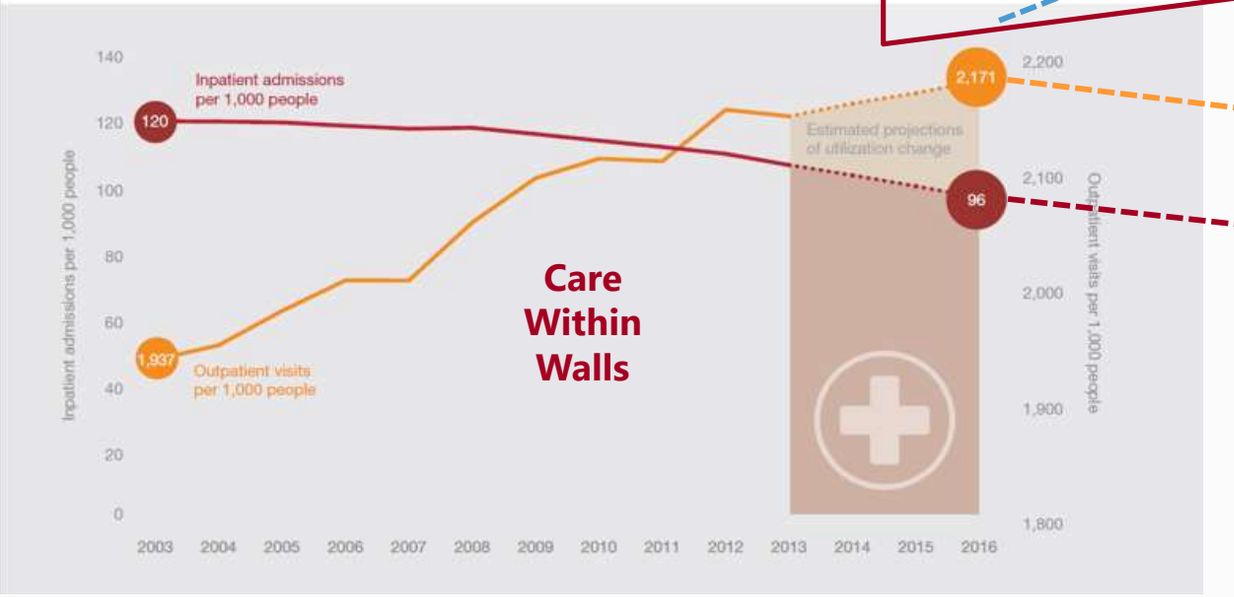
Consumerization of HIT Market

Current HIT Market (Platform + EPIC, Cerner, Allscrips, GE, Mckesson, Meditech, Accenture etc)

Source: RBC Capital Markets

Inpatient care volume on a rapid decline

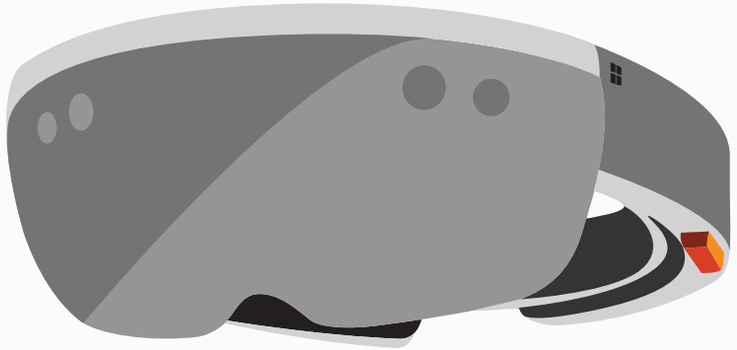
Changes in hospital inpatient and outpatient utilization



Source: PwC Health Research Insights

INNOVATION

AUGMENTED REALITY



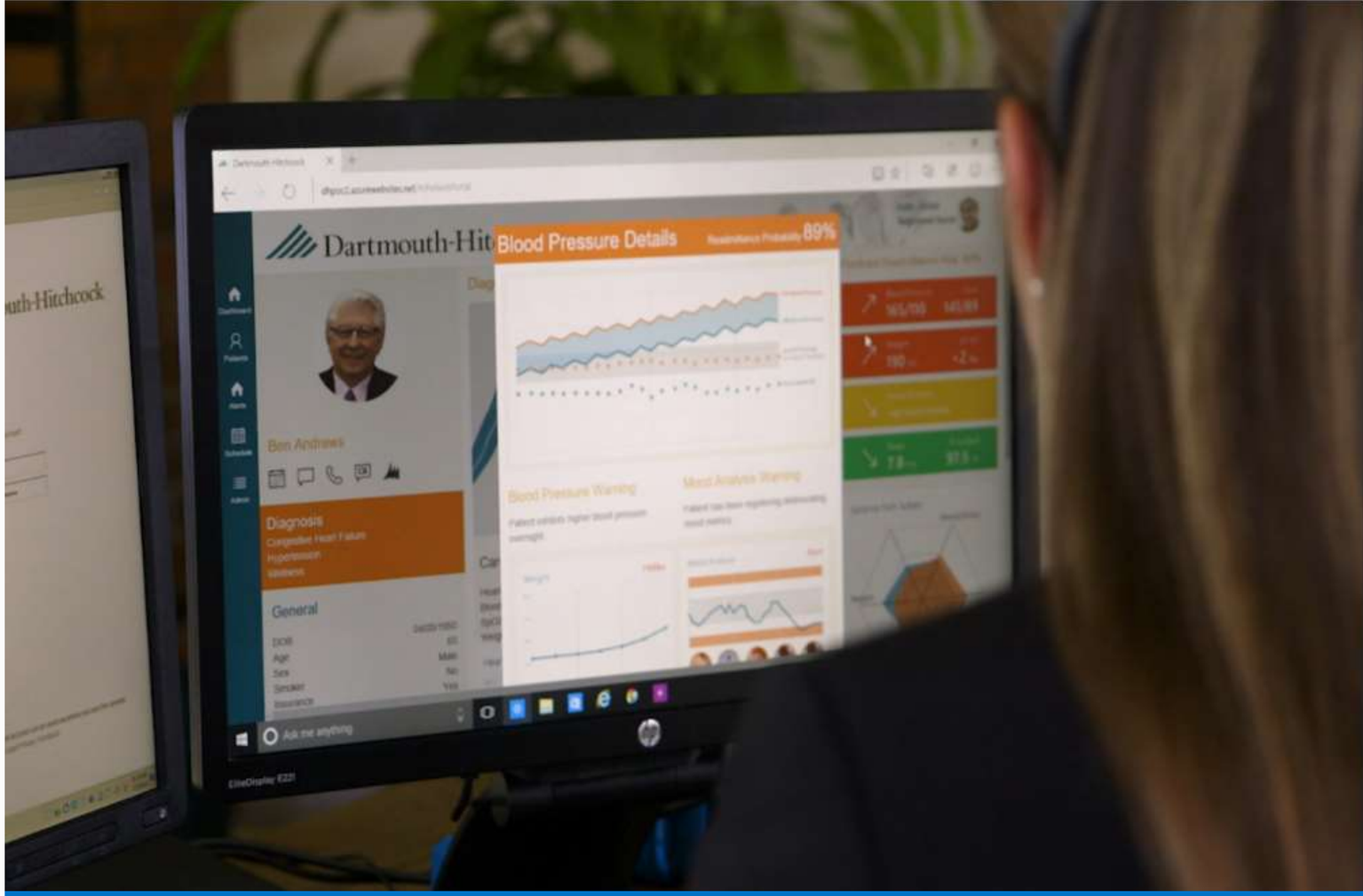
HoloLens for teaching

Cortana Analytics for Health

Digital Nursing

INNOVATION

ADVANCED ANALYTICS



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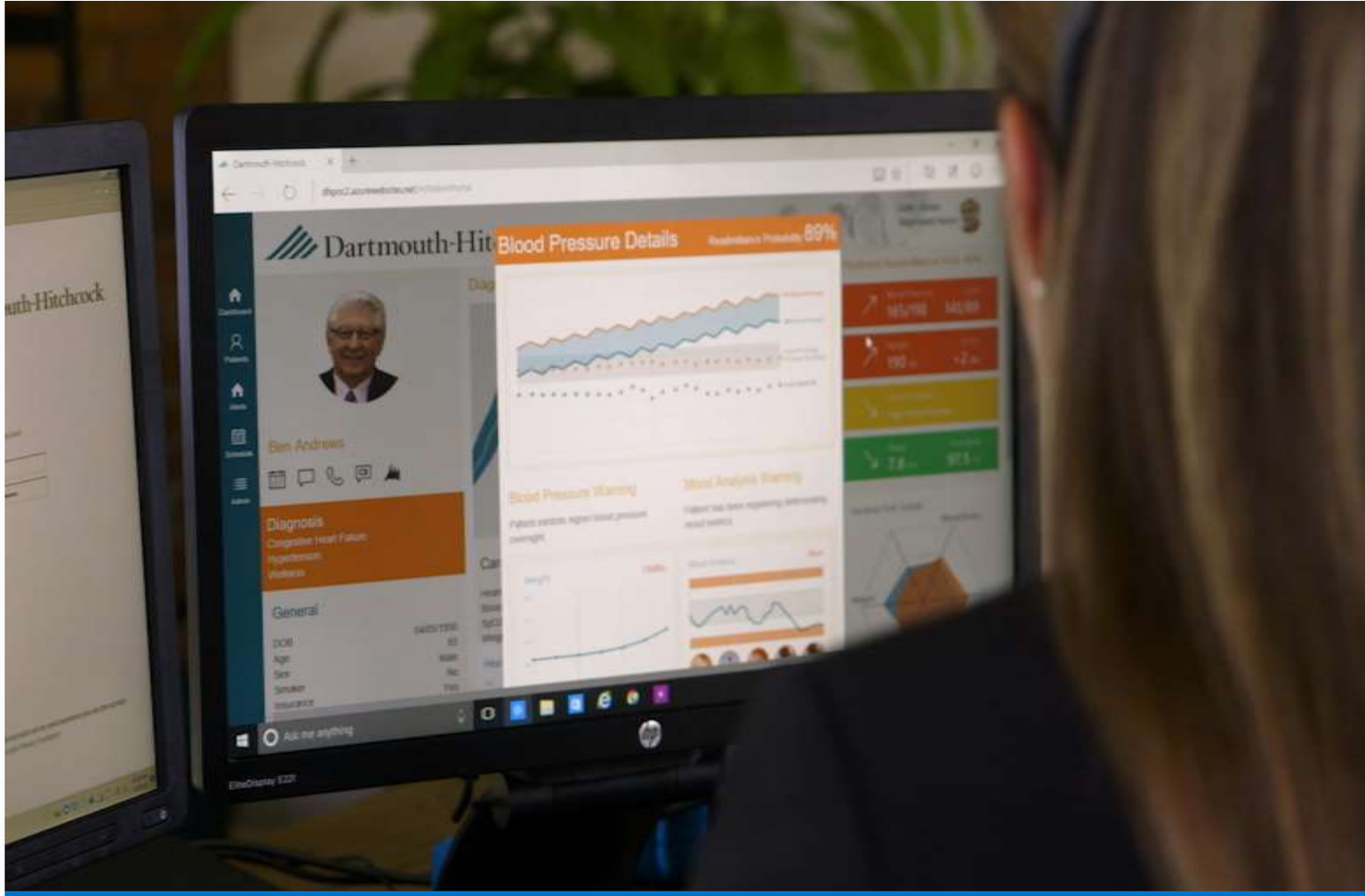
INNOVATION

ADVANCED ANALYTICS



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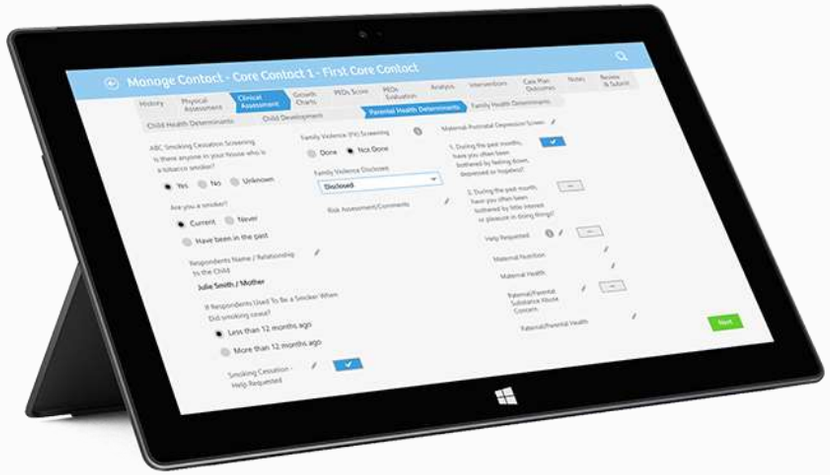
INNOVATION

DIGITAL NURSING



Plunket

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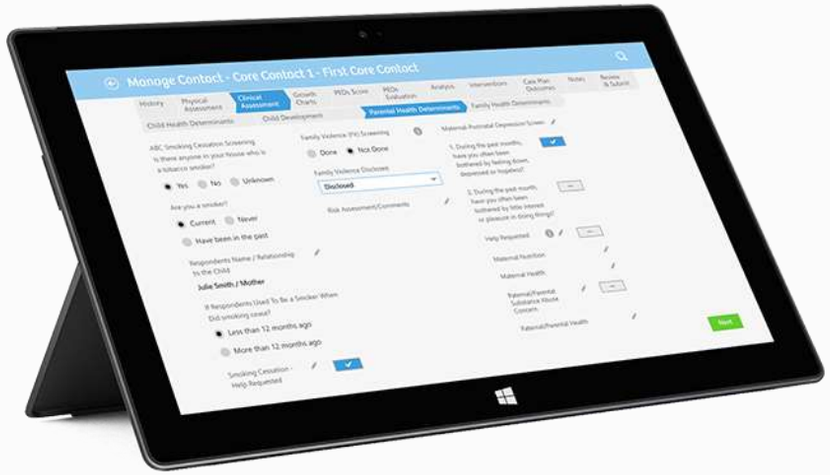
INNOVATION

DIGITAL NURSING



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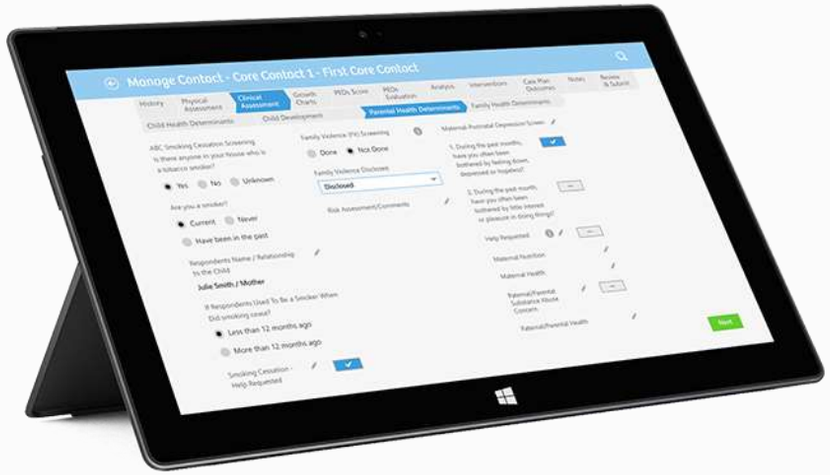
DIGITAL NURSING



Silver Chain

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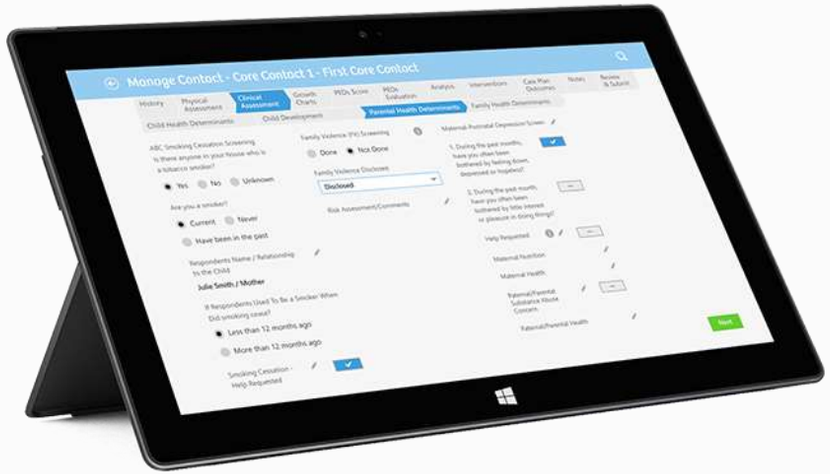
Digital Nursing

INNOVATION

DIGITAL NURSING



Silver Chain

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INNOVATION

TRANSFORMING AGED CARE

RYMAN HEALTHCARE

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Digital Nursing

INNOVATION
IN THE TRUSTED HEALTH CLOUD

RYMAN HEALTHCARE

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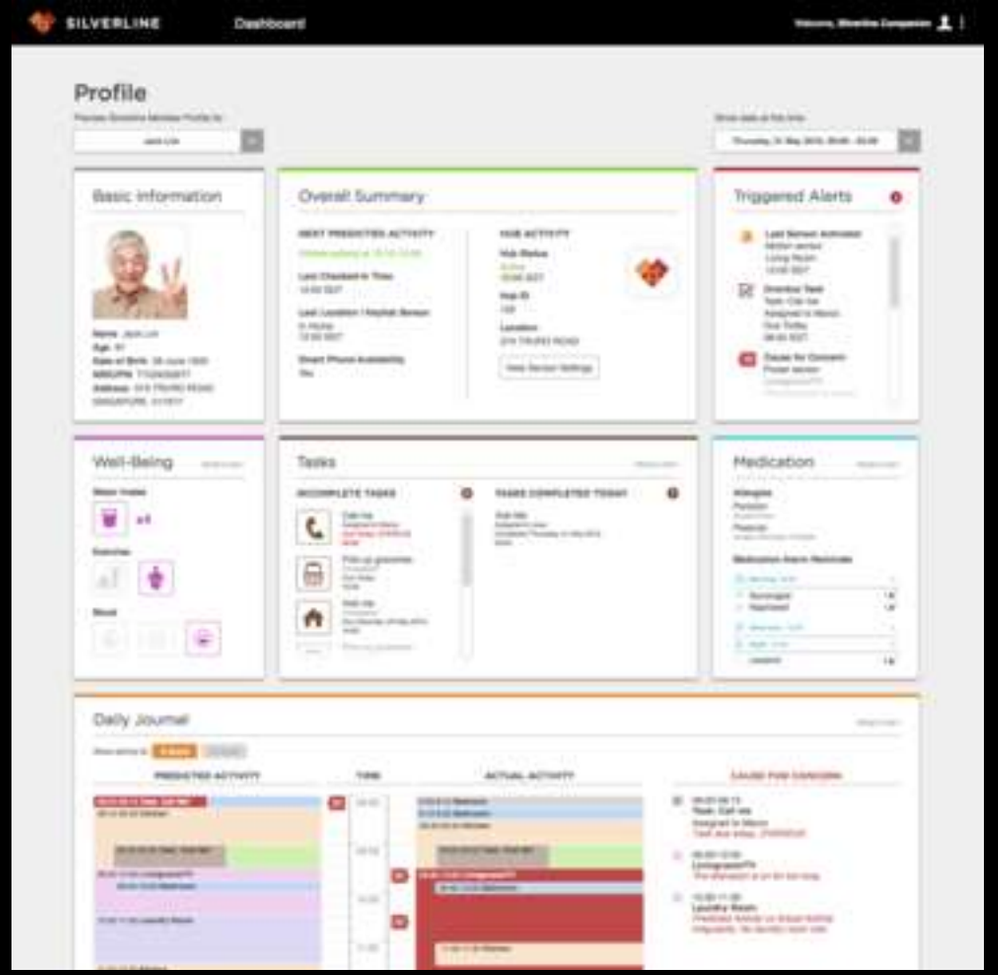
INNOVATION

INTELLIGENT HOME CARE

SILVERLINE



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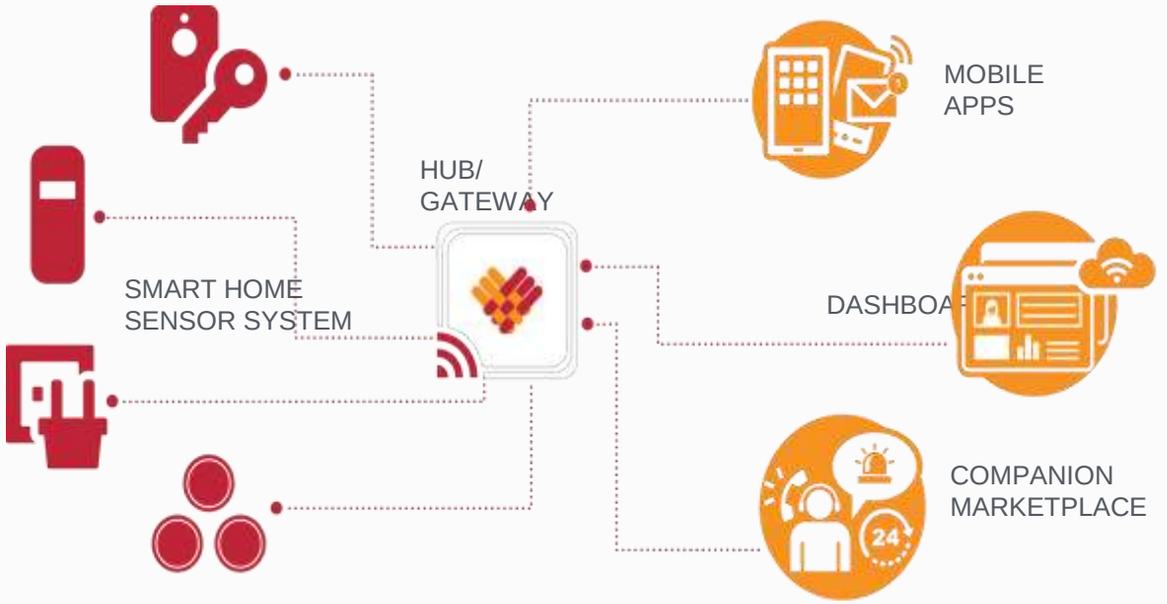
INNOVATION

INTELLIGENT HOME CARE



SILVERLINE

Smart Home Sensor System

HoloLens for Teaching

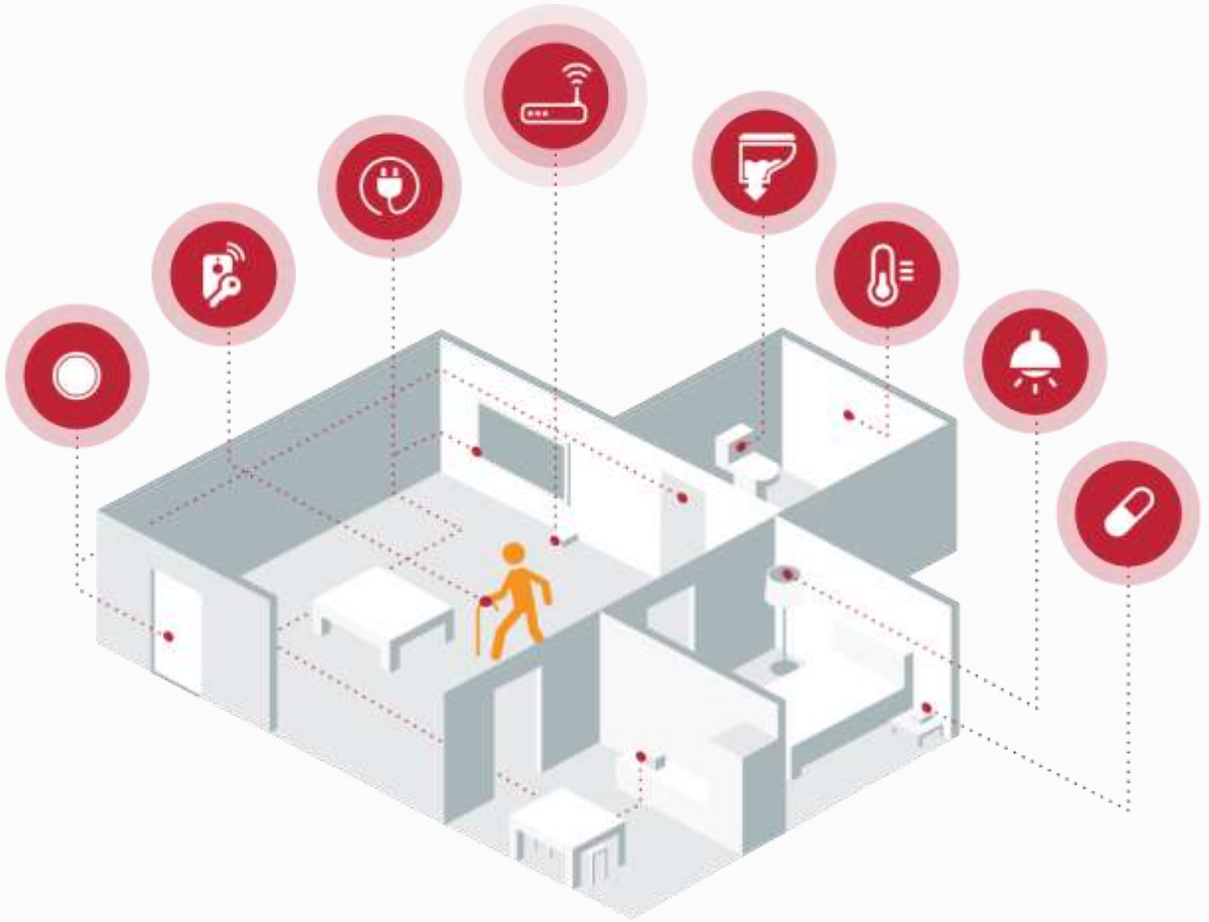
Cortana Analytics for Health

Digital Nurses

INNOVATION

INTELLIGENT HOME CARE

Silverline is being adopted by independent older adults and their adult children, managed health-care organisations, insurance, pharmaceutical and wellness companies



DOOR SWING SENSOR
Front Door, Bathroom Door

PERSONAL SENSORS
Emergency, Heart, Exercise Sensors

POWER MONITOR
Television, Electric Appliances, Living-room, Bedroom, Kitchen

SILVERLINE HUB/GATEWAY
Hub

MOTION SENSOR
Toilet/Bathroom

PIR SENSOR
Movement, Temperature, Luminance
Living-room, Bathroom, Bedroom

MISCELLANEOUS SENSORS
Pillbox sensor, Bed sensor

SILVERLINE

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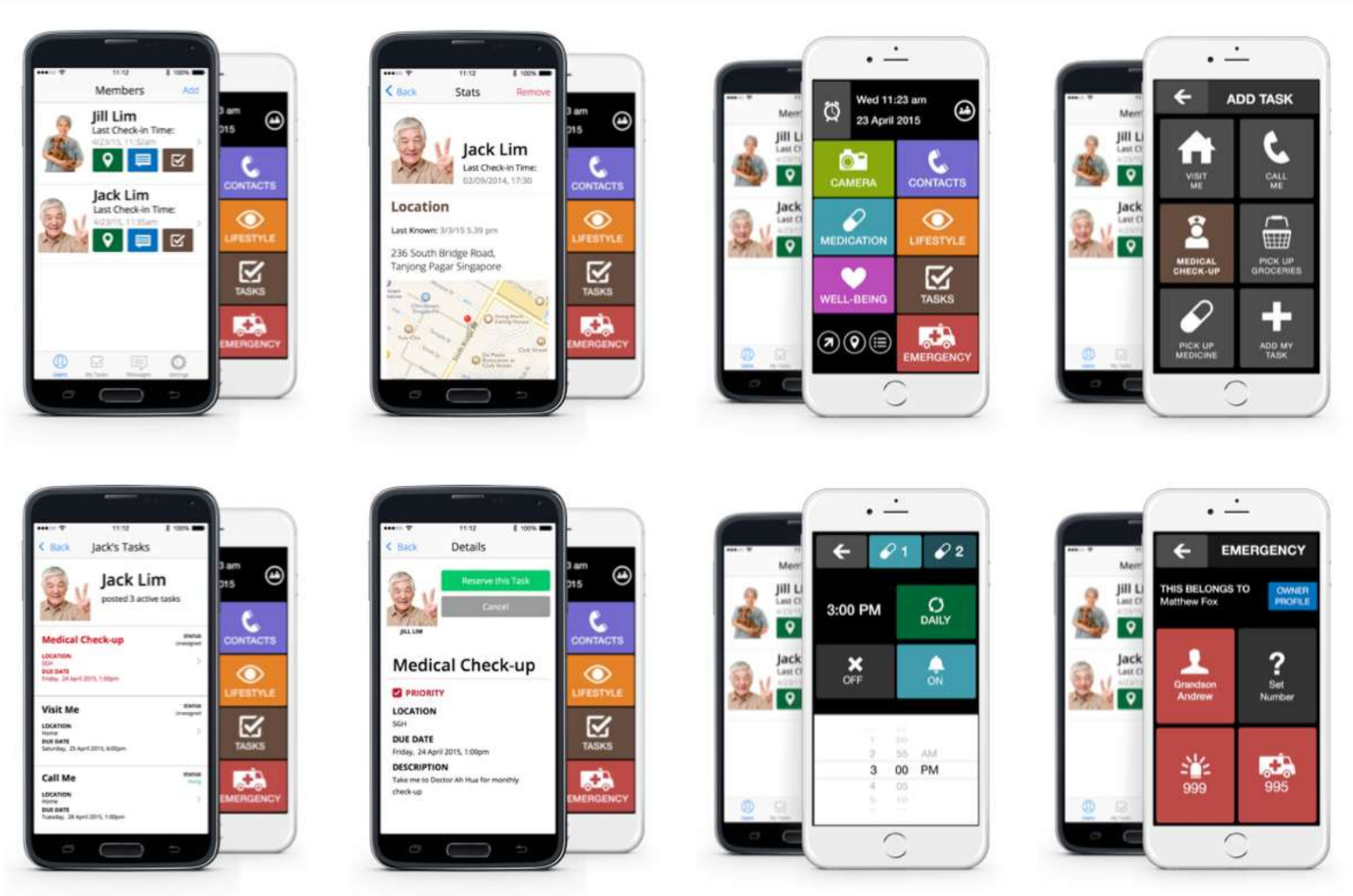
INNOVATION

INTELLIGENT HOME CARE

Smart Mobile Apps to ensure care givers and loved ones can help engage and participate in better outcomes



SILVERLINE

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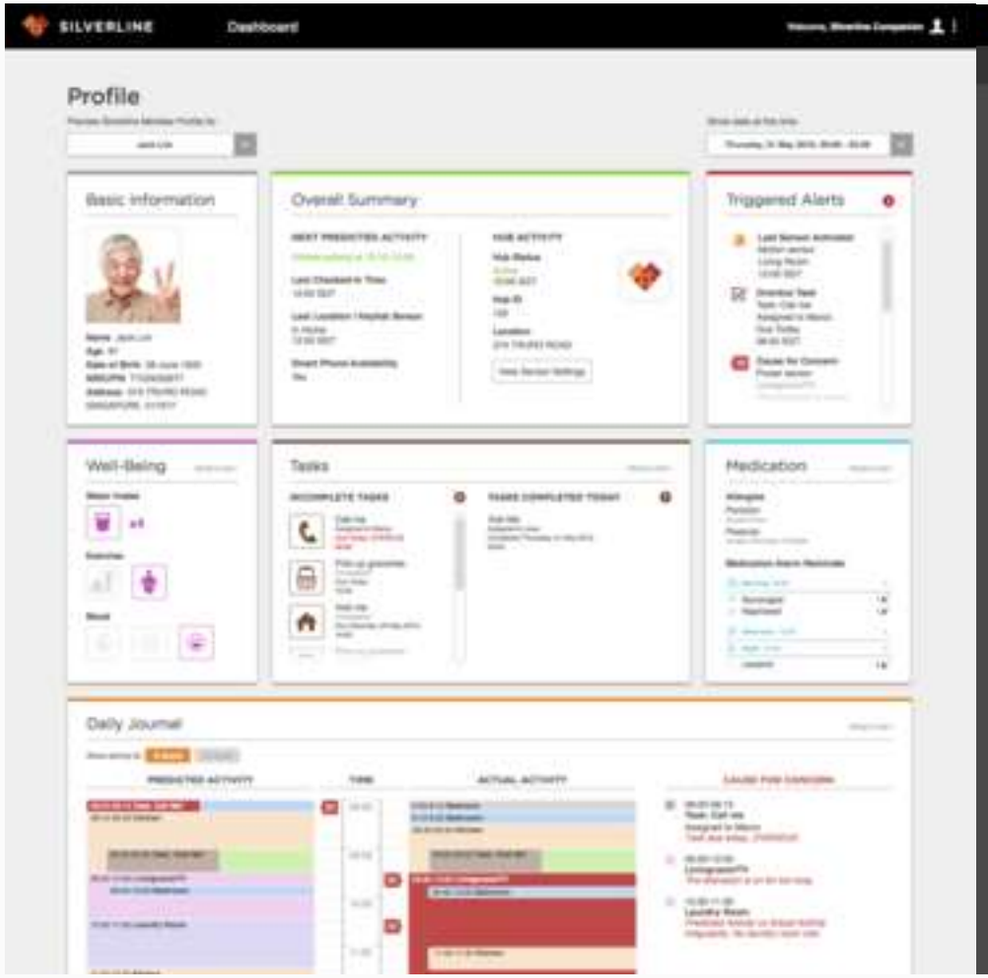
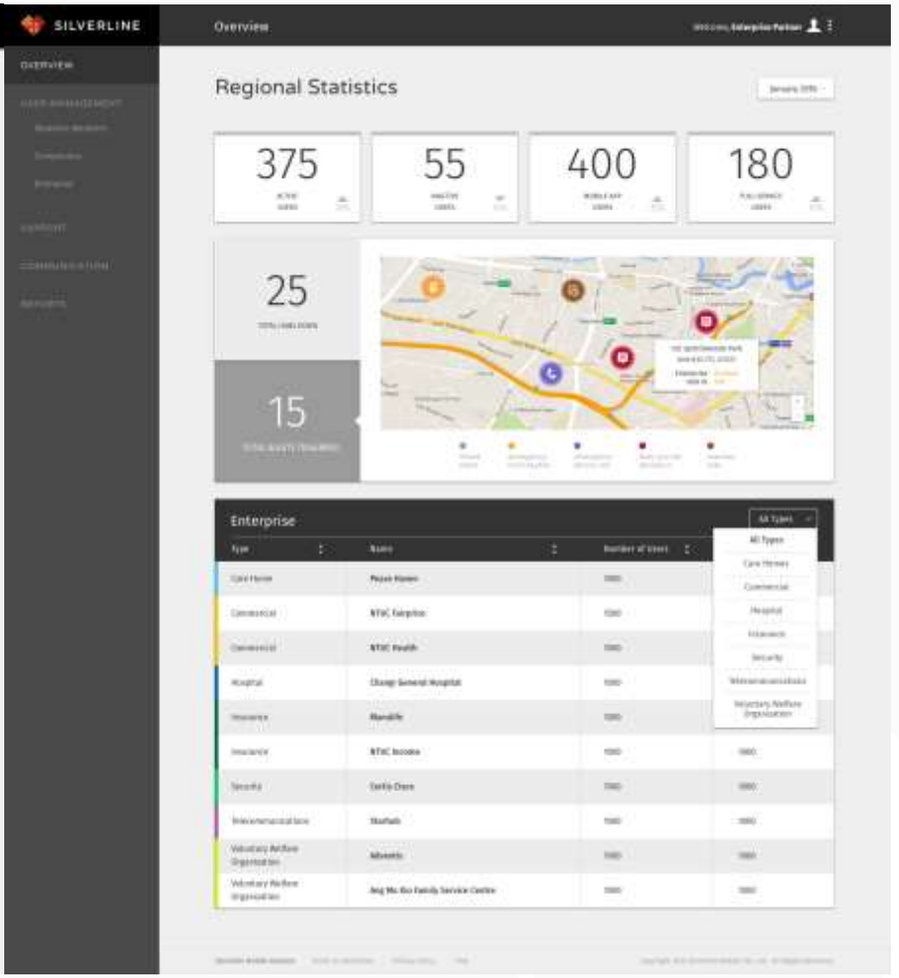
INNOVATION

INTELLIGENT HOME CARE

Silverline provides mobile and web management consoles with customisable, easy-to-use interfaces for Silverline Members, Companions and Professional Care / Emergency Service providers.



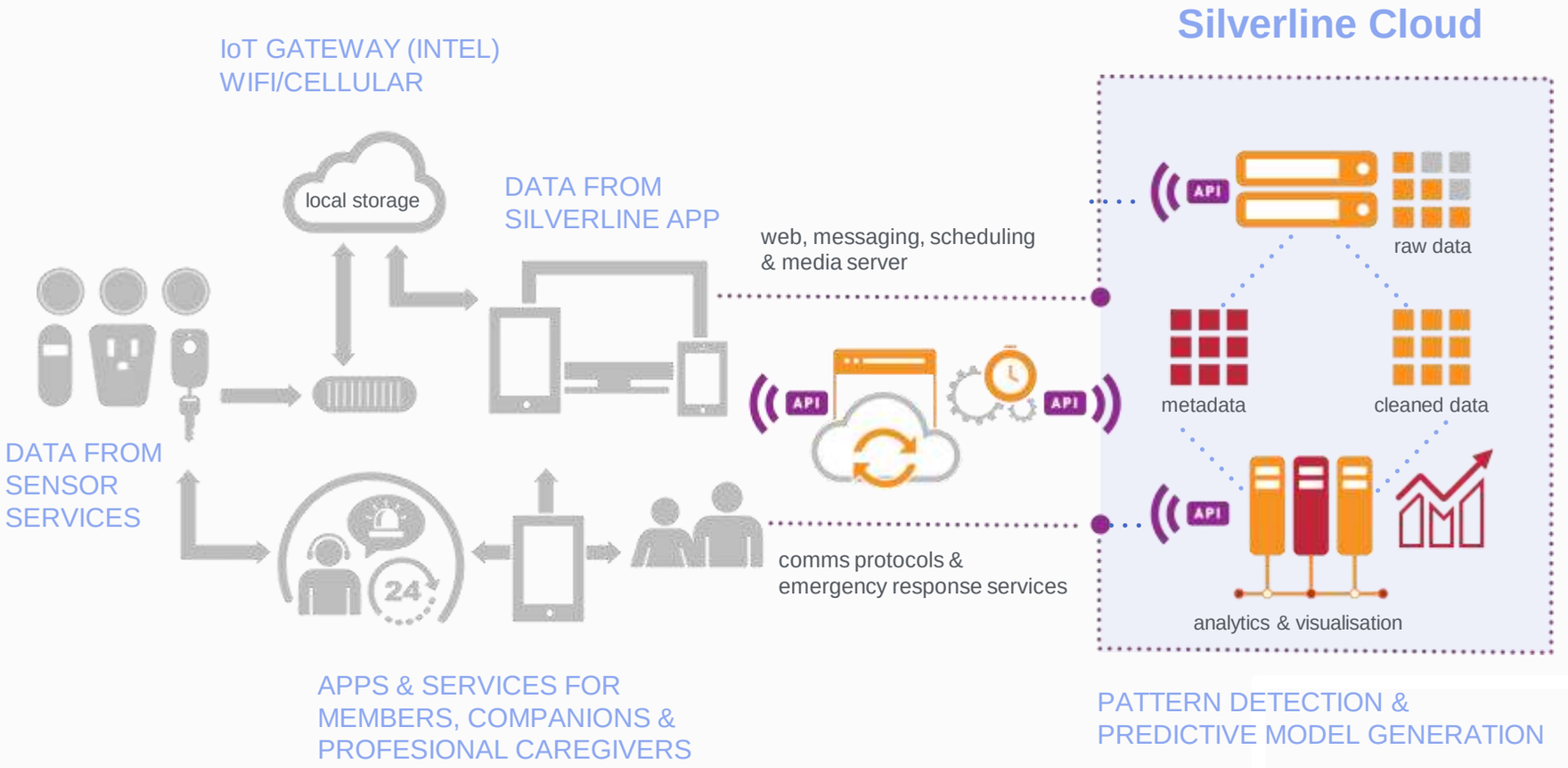


SILVERLINE

INNOVATION

INTELLIGENT HOME CARE

Silverline's sensor, pattern detection, predictive model generation, web, messaging, scheduling & media services and data storage are securely hosted in a Microsoft Azure cloud-computing environment.



SILVERLINE

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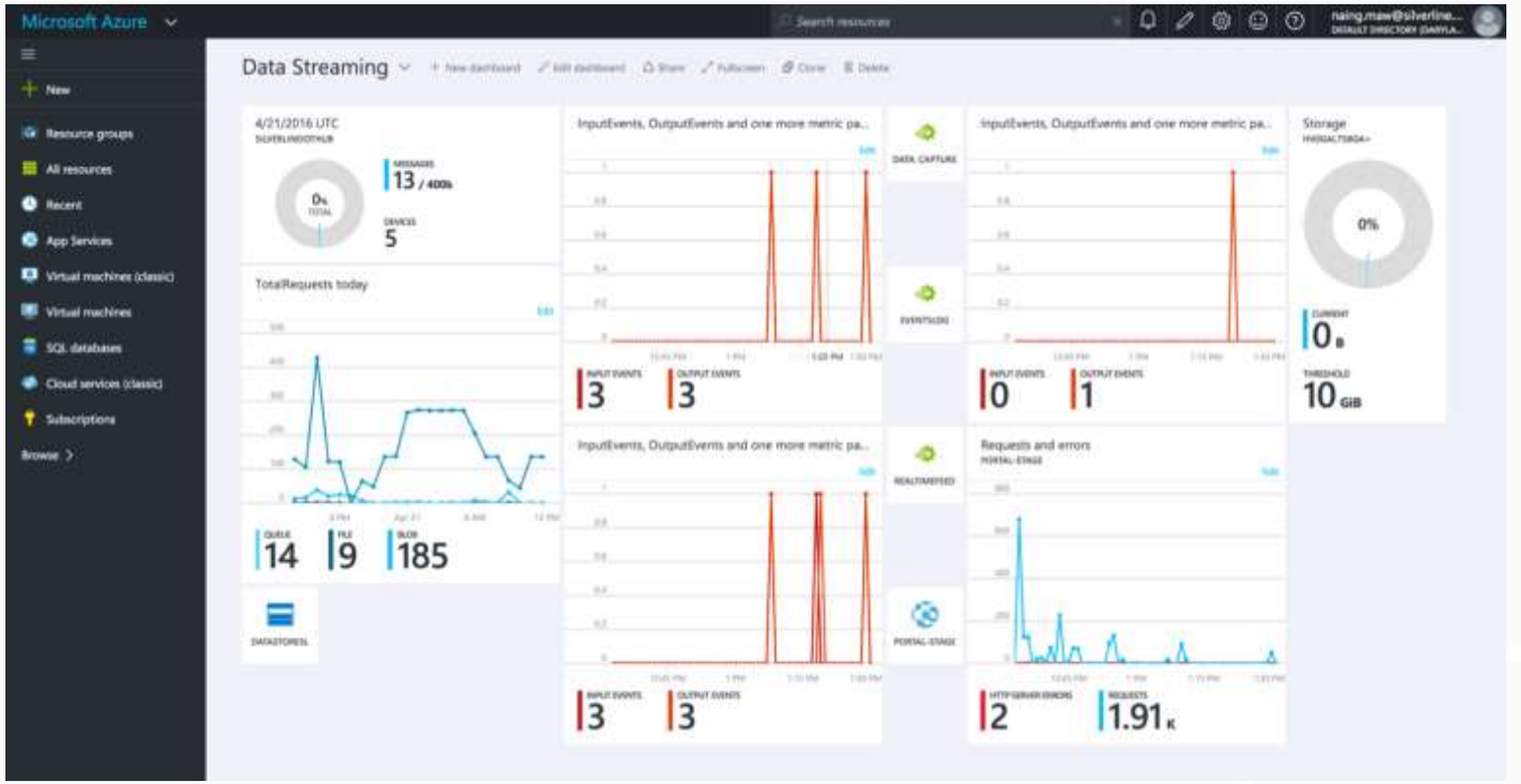

SILVERLINE

INNOVATION

INTELLIGENT HOME CARE

SCHÖN KLINIK

The development of an objective measurement of Parkinsonism and predictive biomedical algorithms. Researchers Pfister F, Arnold D, Fietzek U.

BIOMARKERS

		Dyskinesia	Gait	FoG	Bradykinesia	Tremor	Sleep	Speech	HRV
hauser diary	ON ++	x	x						x
	ON +	x	x						x
	ON		x						x
	Sleep						x		
sensor position	finger				x	x			
	wrist	x	(x)		x	x	x	x	x
	knee			x					
	shank	x	x	x					
	tight			x					
	waist	x		x					
	soles		x						
	lower back		x			x	x		
	chest	x							
	trunk	x							
	shoulder	x							
	upper arms	x							
	forearms		x		x	x			
	sternum		x						

Johnson & Johnson MEDICAL

SILVERLINE

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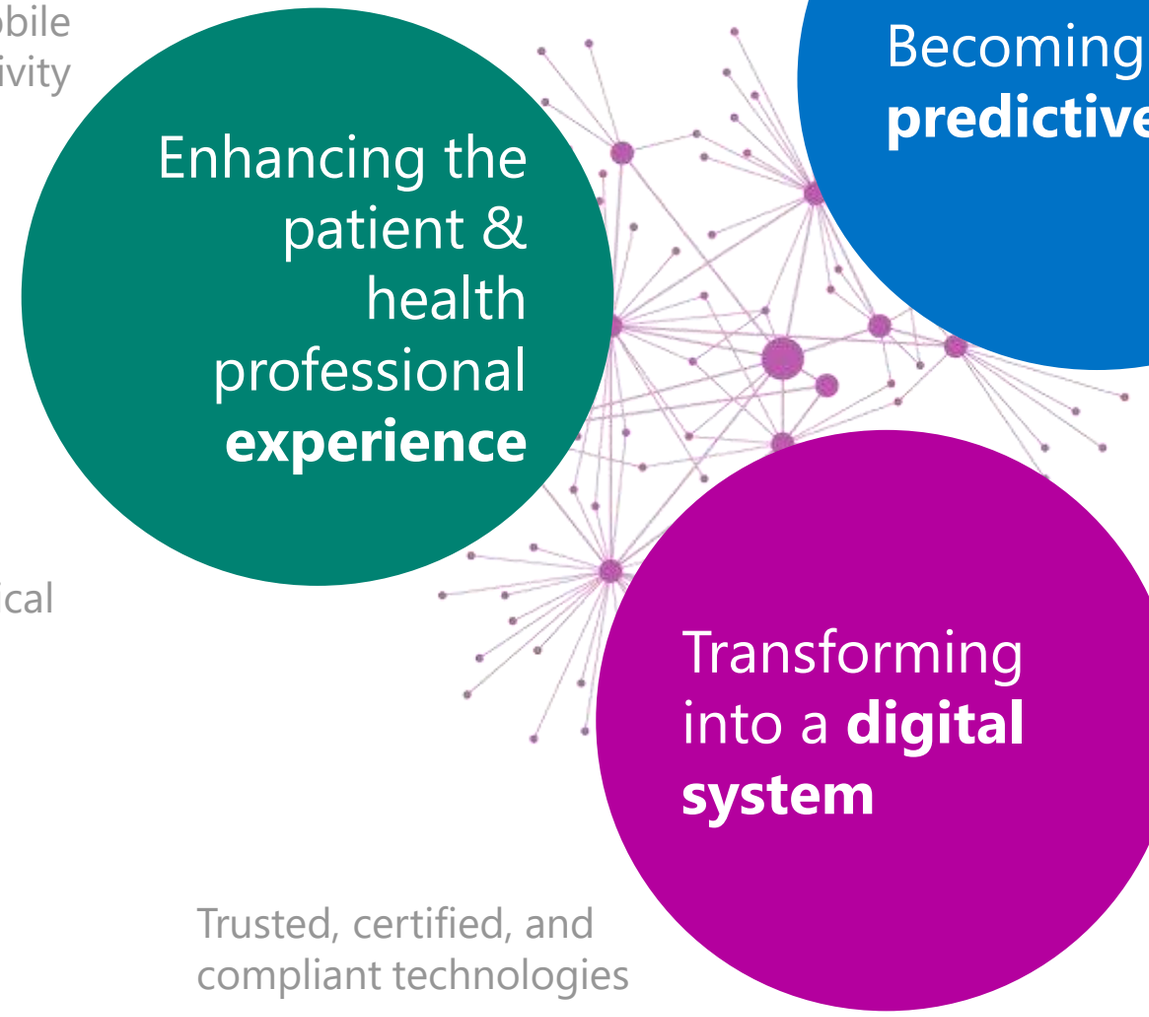
EMR OVERDUE ENERGY's FUTURE

HEALTH



Mobile Productivity

Virtual Healthcare

Consistent experience across devices

Enhancing clinical productivity

Forecasting Demand and Capacity

Increased operational effectiveness

Sense and Respond through Data

Gain actionable insights to improve clinical care

Innovation that keeps up with emerging health and technology trends

Trusted, certified, and compliant technologies

Solutions that span home, hospital, and mobile settings

Our Future

www.InternetofYourThings.com

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