THE VISION FOR POPULATION HEALTH, ENABLED BY TECHNOLOGY ENABLED CARE

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OUR MANCHESTER

We are a rebuilt city that has emerged from our post-industrial past, now stronger and ready to face the future. However, in this rebuilding we have not forgotten our past as the world's first industrial city, and Manchester's enduring values: its innovation, radicalism and international outlook.

Faster growing City outside of London, with rising population

Manchester is part of Greater Manchester, 10 Local Authorities

Through Devolution, GM has secured a constitutional breakthrough taking on major new powers for transport, housing, work and skills, planning, health and social care, policing and business rates.

Population circa expected to reach 660k by 2025. This is driving new models of public service delivery

OUR MANCHESTER

What are the problems we are trying to solve?

Older people living in the city have a shorter healthy life expectancy – at 65 years this is eight or nine years less than the English average.

Significant budget gap in health and social care

50% of the budget is spent on 5% of the population who have complex needs.

Manchester has a higher rate of hospital admissions due falls in people aged 65 than the England average (2,540 vs UK average of 2,114 per 100k population.

Significant spend on hip fractures, residential and nursing care

Delays in hospital admissions

Manchester Local Care Organisation (MLCO) brings together *community health, mental health, primary health and social care* into one organisation.

3000 staff working across 12 Integrated Neighbourhood Teams. £650m budget, 10 year contract.

MLCO putting digital at the heart of its strategy to deliver the right care to those who need it most as early as possible, preferably at home.

Can TEC by default and an integrated Control Room solve our challenges?

Manchester Local Care Organisation

Leading local care, improving lives in Manchester, with you

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Prevent

Connect

Intervene

Proactive wellness plan

Whole System flow

Connected people

Remote monitoring

Connected care partners

Connected devices

Microsoft

One proposition- high volume, high cost broken hips

Could this approach reduce the no of fractured hips in Manchester and speed up discharge from hospital with home rehab?

- 882 broken hips in Manchester last year
- £24m cost to the health and social care system
- Data analysis shows a trend of older people breaking their wrist in the preceding 18 months
- If we could gather all the data into one data platform and apply AI, we could predict the next cohort of broken hips, intervene and prevent future hip breakages?
- 5% reduction is 44 people, saving £1.2m
- Better outcomes, reduced spend
- Even those who go on to break their hip could have a speedier release from hospital and a faster rehabilitation at home using a TEC device.

Getting the right help to people in the community quickly

Manchester Local Care Organisation
Leading local care, improving lives in Manchester, with you

MLCO CONTROL CENTRE
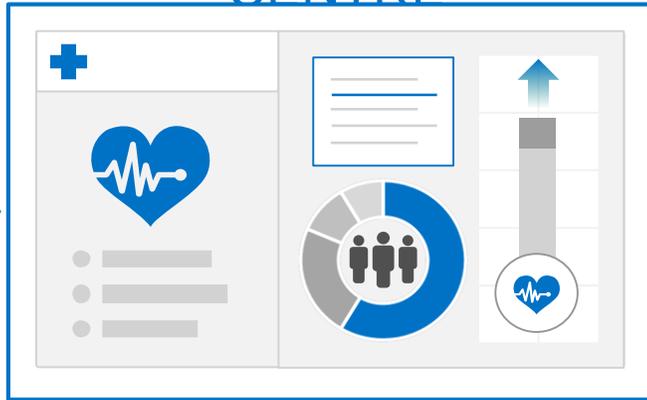
TRIAGE (MDT (if Required))

Community Alarm Team

NHS Direct
CALL 111 when it's less urgent than 999

Integrated Neighbourhood Team

mc^n Manchester Carers Network

Manchester Community Response Team

GP appt (virtual or in person)

Microsoft

Etc...

Digital deployment system, e.g. CM2000

Consolidated Health & Social Care Data Platform – Mission Control Centre

| Manchester Care Record | Citizen's Portal | Partner Portals | Carers' Portal | Telephony | Assistive Tech IOT Portal |

Potential Next Phase

Device Management

Narrow Band e.g. NBIOT

SIM/Wired Connection

Apps | Wearables | Augmented Reality | Voice Recognition | Virtual Reality | Artificial Intelligence | IOT Sensors

Community Volunteer Programme with Age UK

THE JOHNS HOPKINS HOSPITALS JUDY REITZ CAPACITY COMMAND CENTER

GE Healthcare Partners

OVERVIEW OF THE PROPOSED COMMAND CENTRE ENVIRONMENT
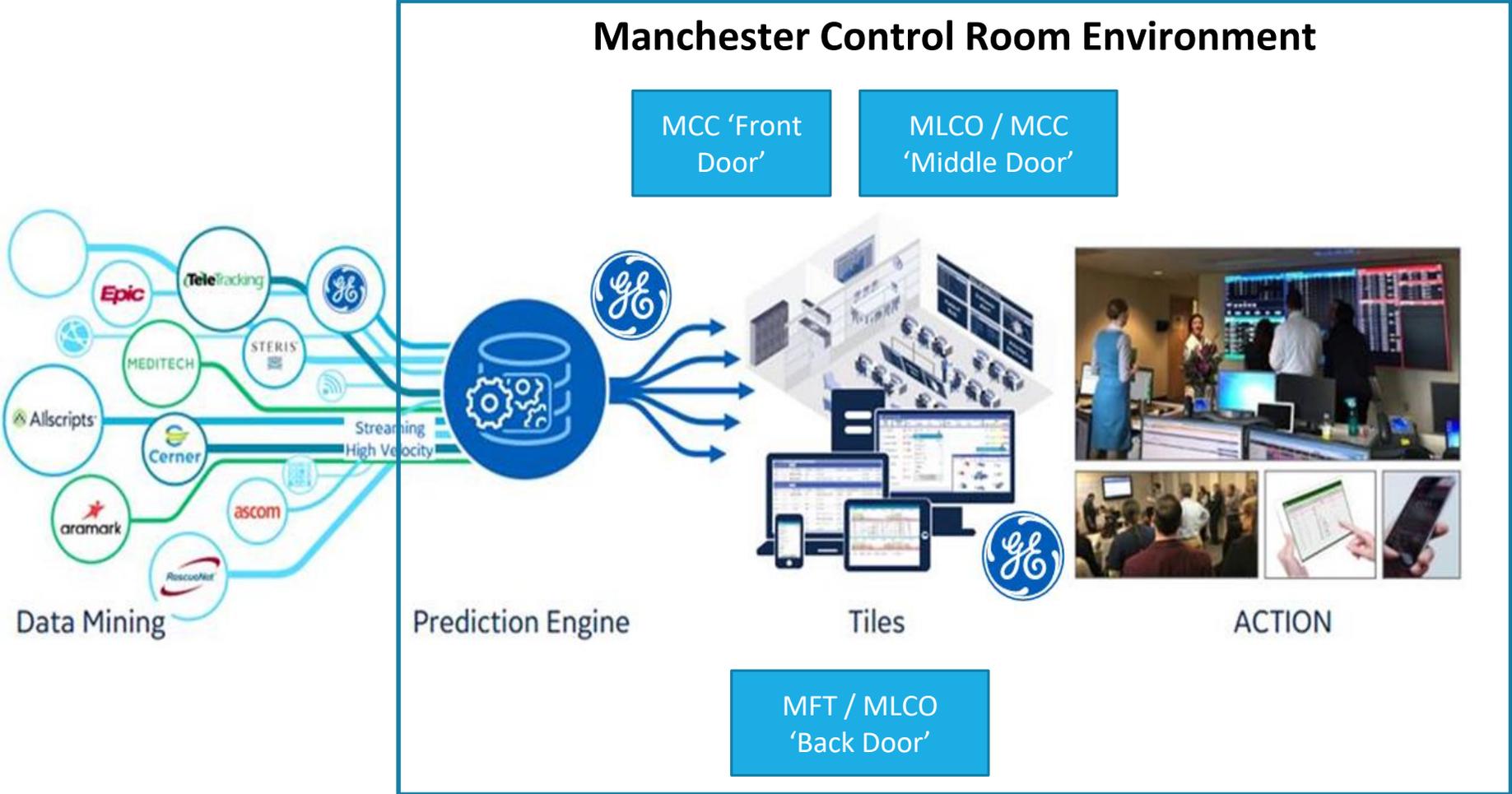
OUR APPROACH TO CHALLENGES...

Social value in procurement

Changing culture

Data sharing/information governance

Diverse funding sources

Suppliers sharing data and working together

New delivery models

New roles