

WHAT IS THE 4TH INDUSTRIAL REVOLUTION ??



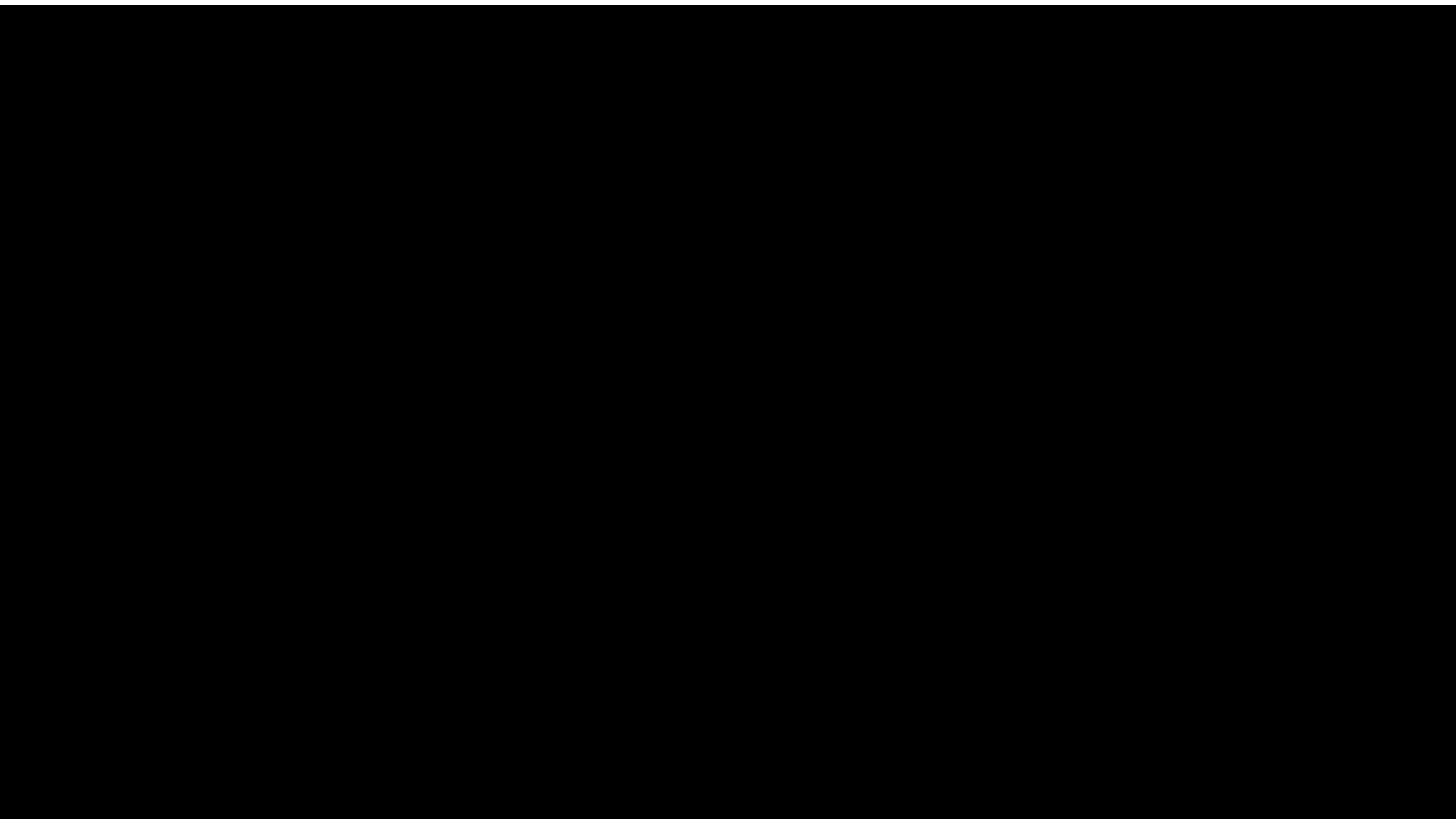
1ST



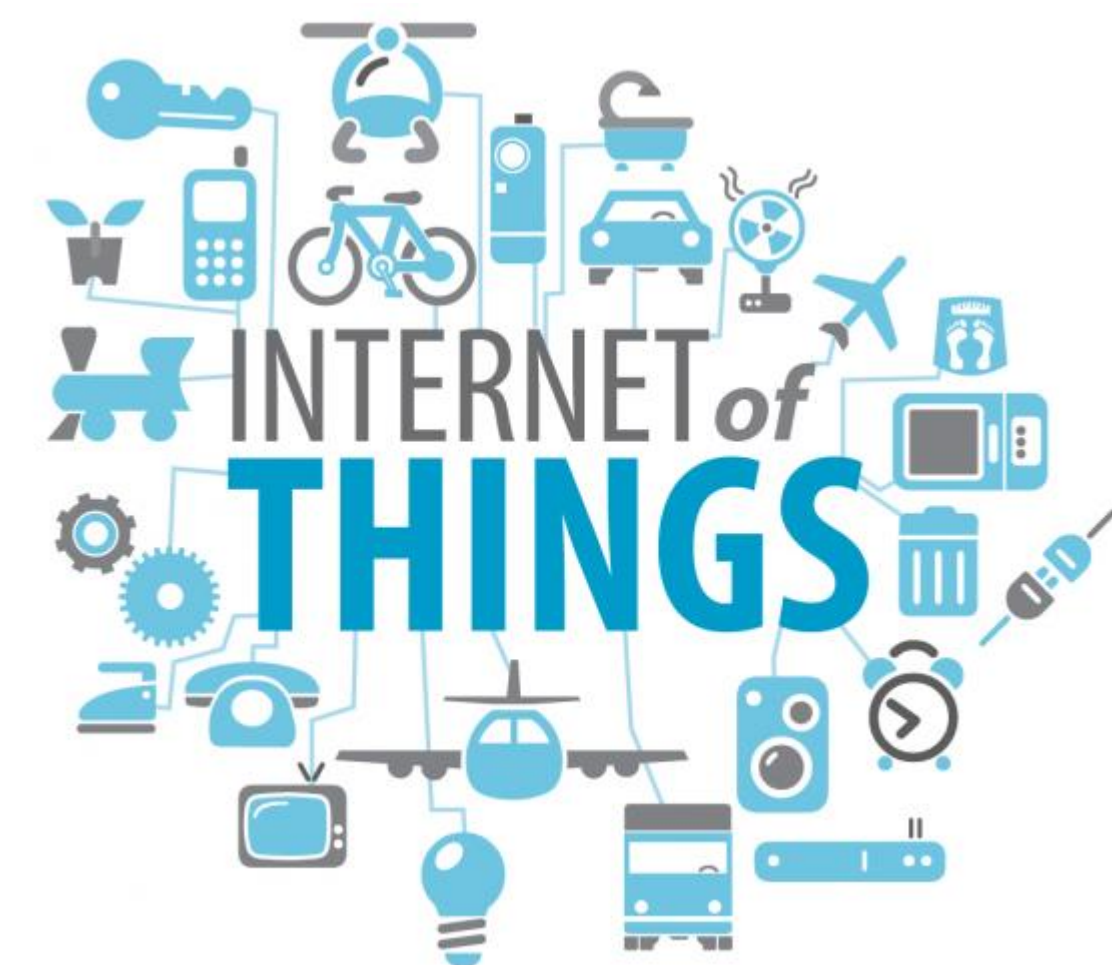
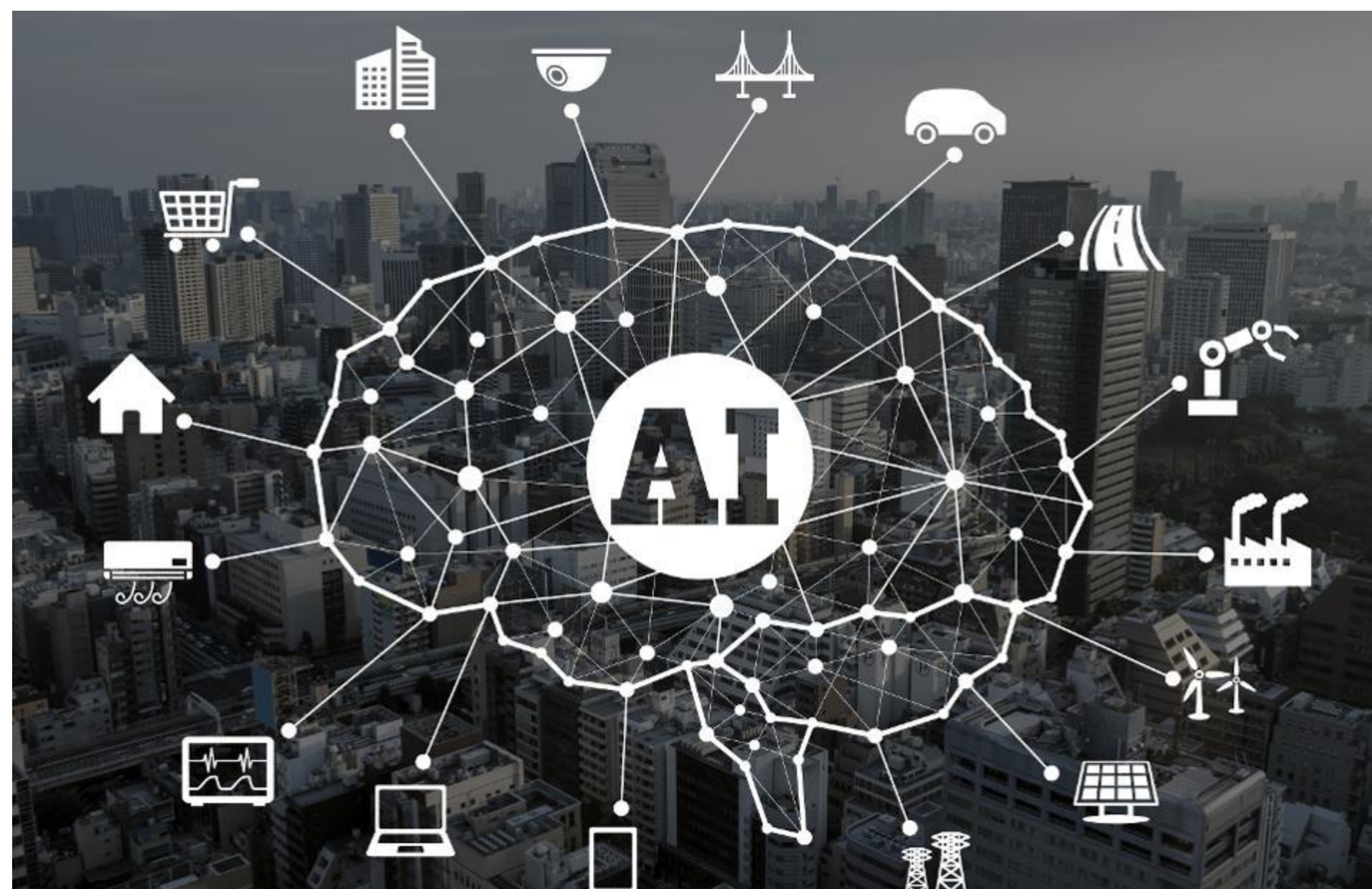
2ND



3RD



WHAT IS THE 4TH INDUSTRIAL REVOLUTION ??



4IR- Examples

DRIVERLESS CARS

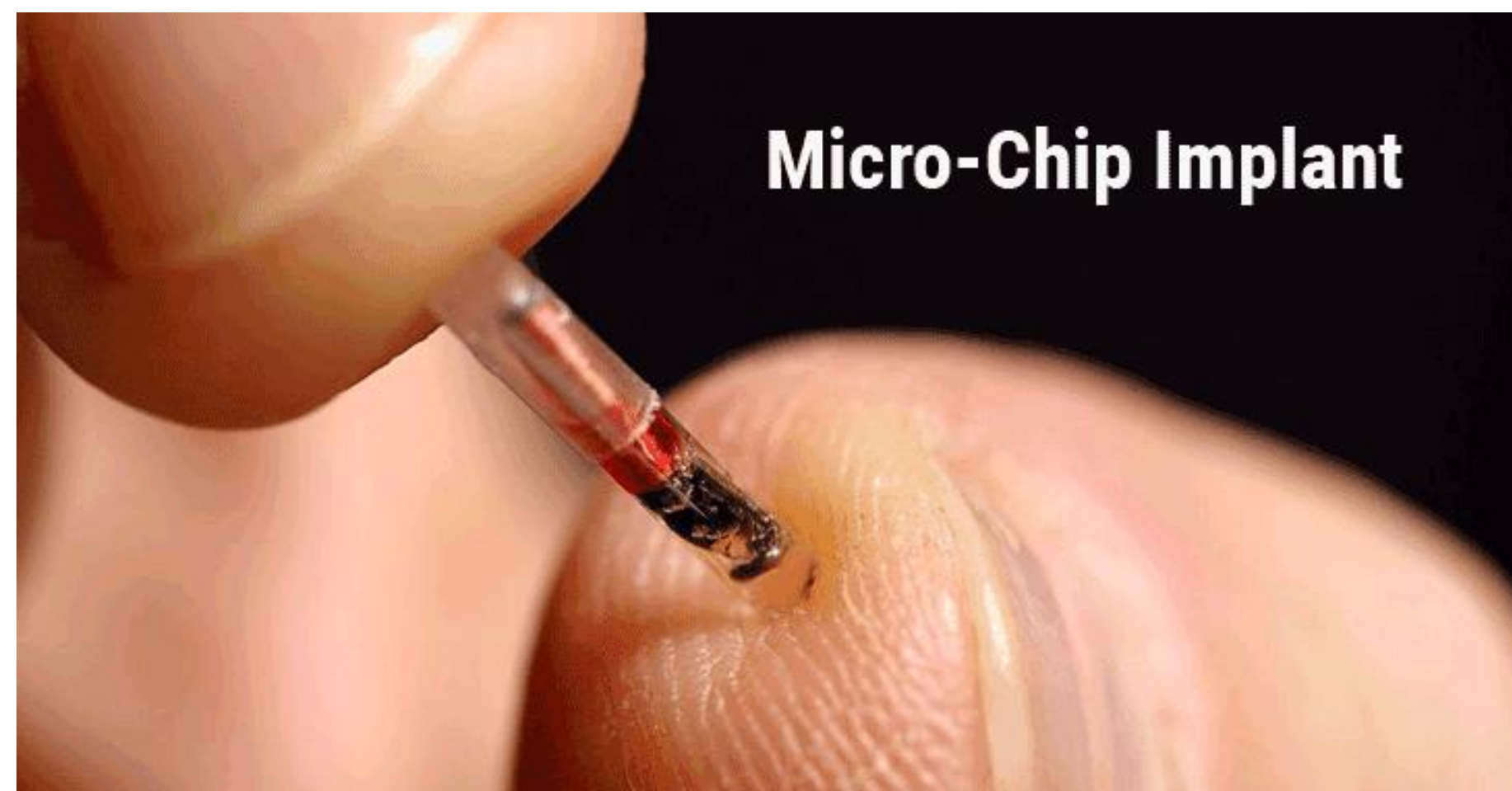


4IR- Examples

Robots- Help at home, entertainment



BIOMETRIC IMPLANTS



4IR- Examples

Drones- Medicine and medical delivery



4IR- What does this mean for the aged care sector

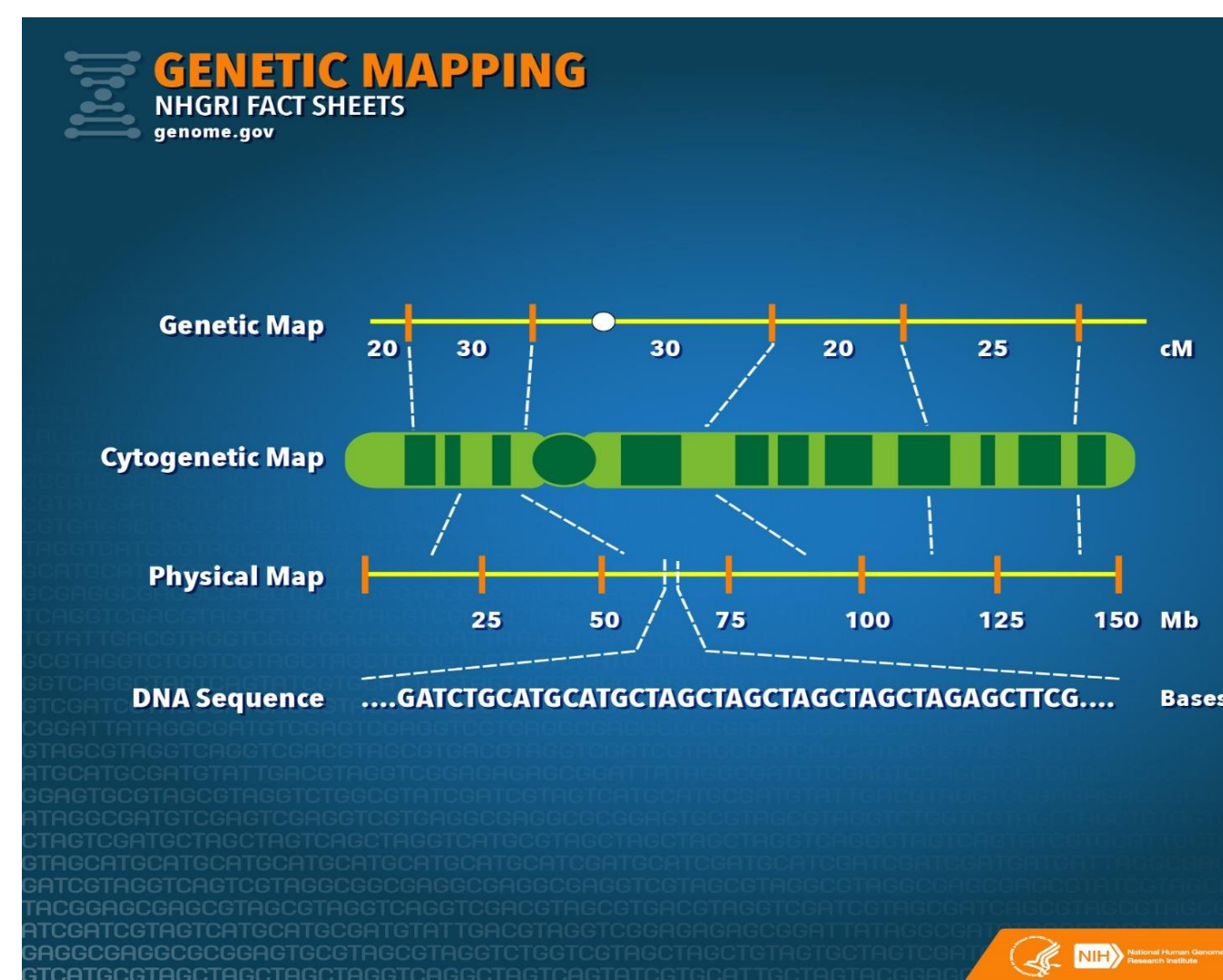
1. Convergence of

- Biometrics, wearables, IoT, Machine Learning, Artificial Intelligence
- You hear a lot about robotics, augmented reality and driverless cars***

But what else are organisations doing today...

2. Examples- in practice

- Genome mapping and prescribed medicines- Jury is out..
- Wearables and implants
- Predicting health issues before they occur- Chronic disease management
- Dementia wandering/ drones



4IR- What does this mean for the aged care sector

Off the shelf products today

- Simple use- Sensors in the home, machine learning to predict issues

Soon to be available with AI/machine learning

- Predict major health incident before they occur

3. Issues with making it work

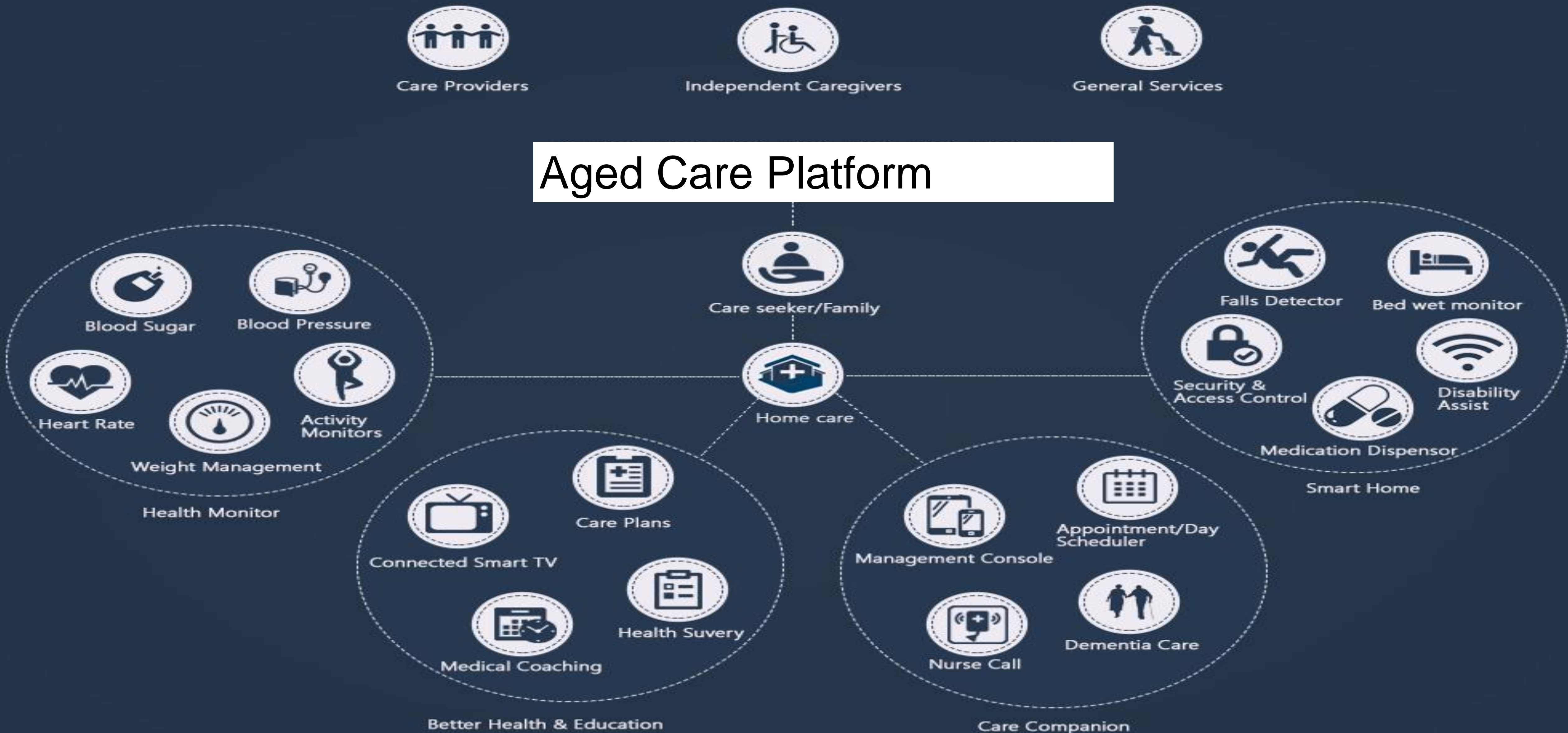
- Interoperability and “Plug and Play”
- One core source of truth
- Inputs from multiple, disparate devices

4. How do I get started?

- What can I do today?



Enabling Aging in Place – Client Centric Information



Examples in use today



PERS + Wellness



Smart Living





































































Wellness

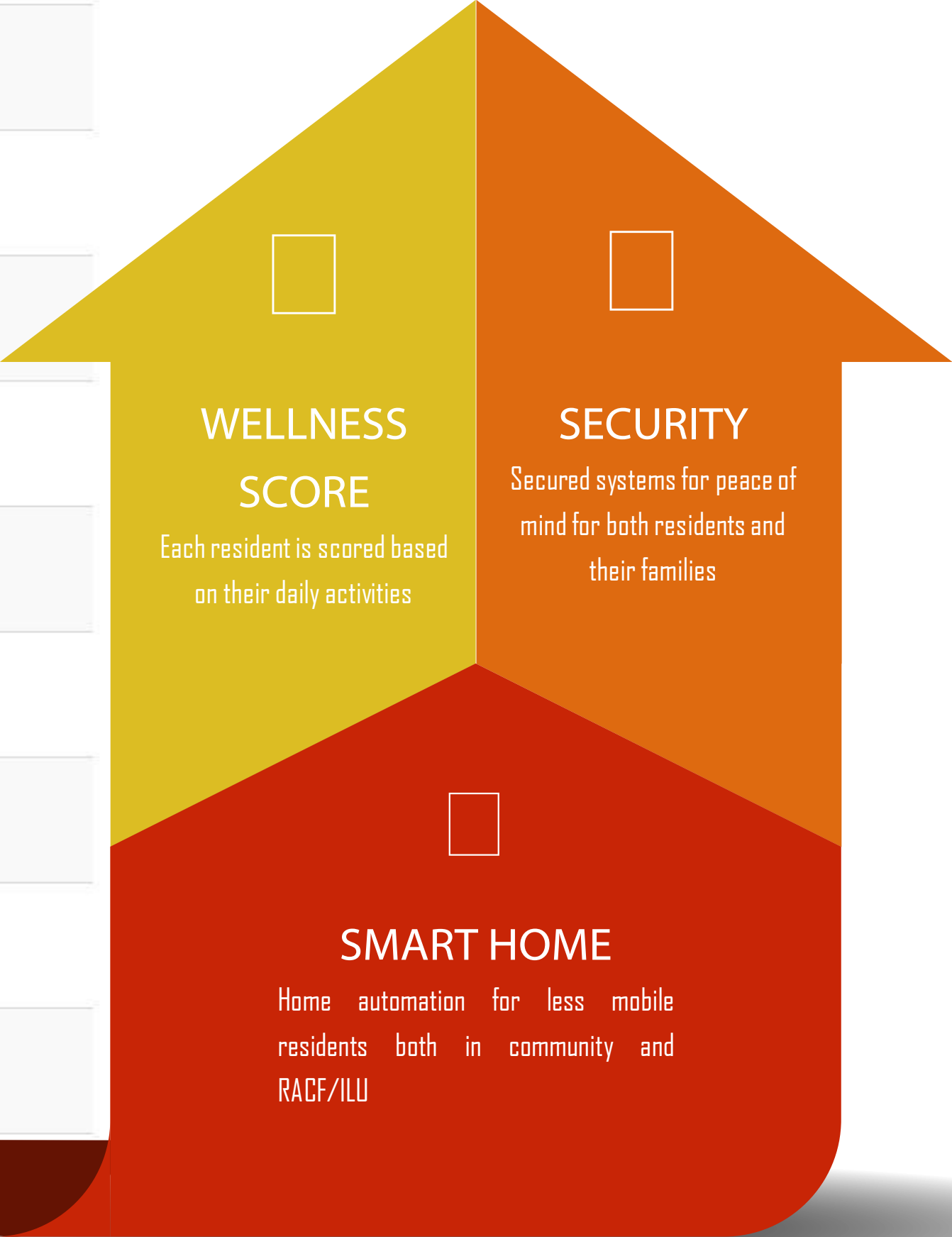
Use of Machine Learning to customise for the individual

Wellness – Client Centric Platform

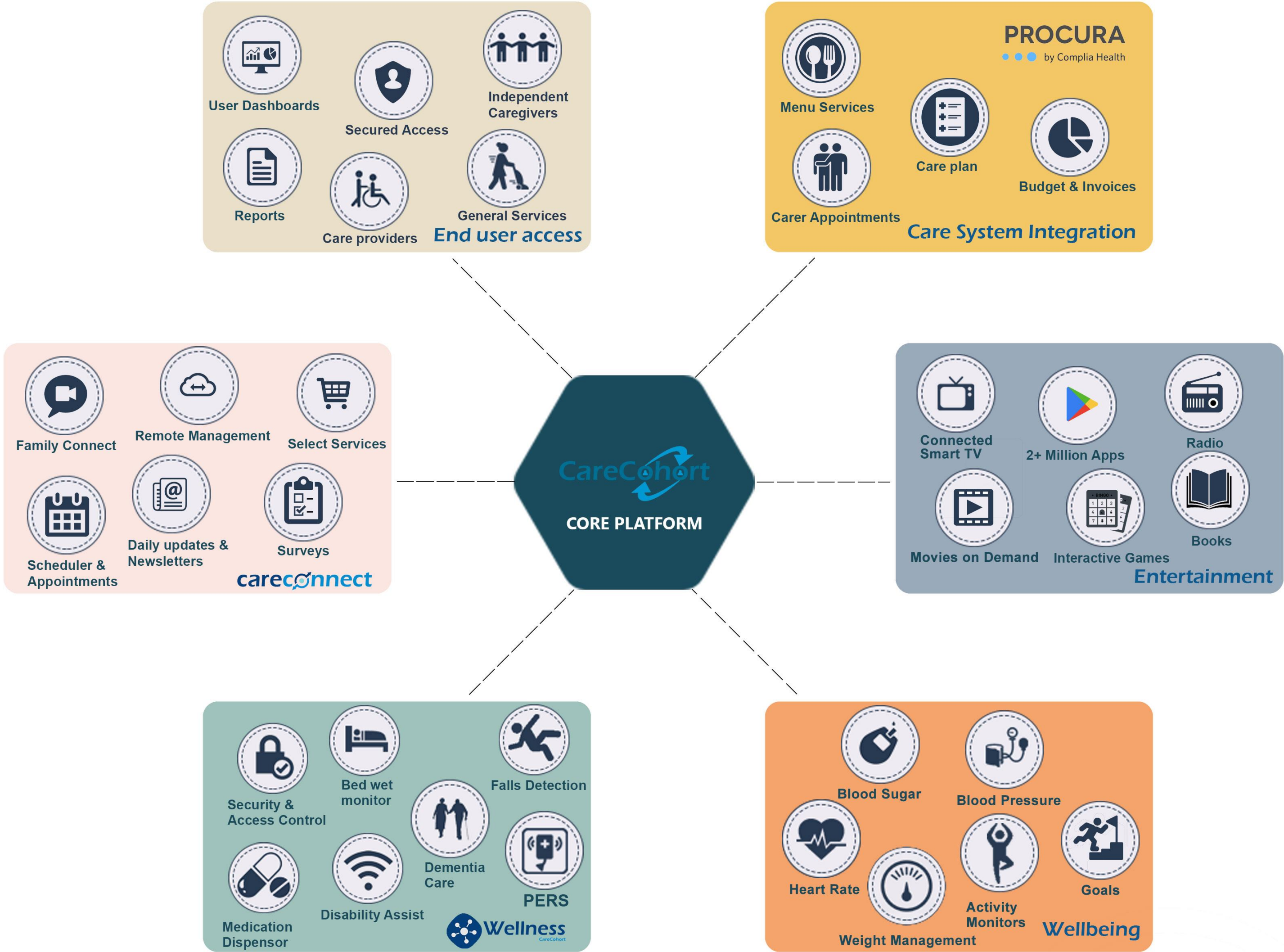
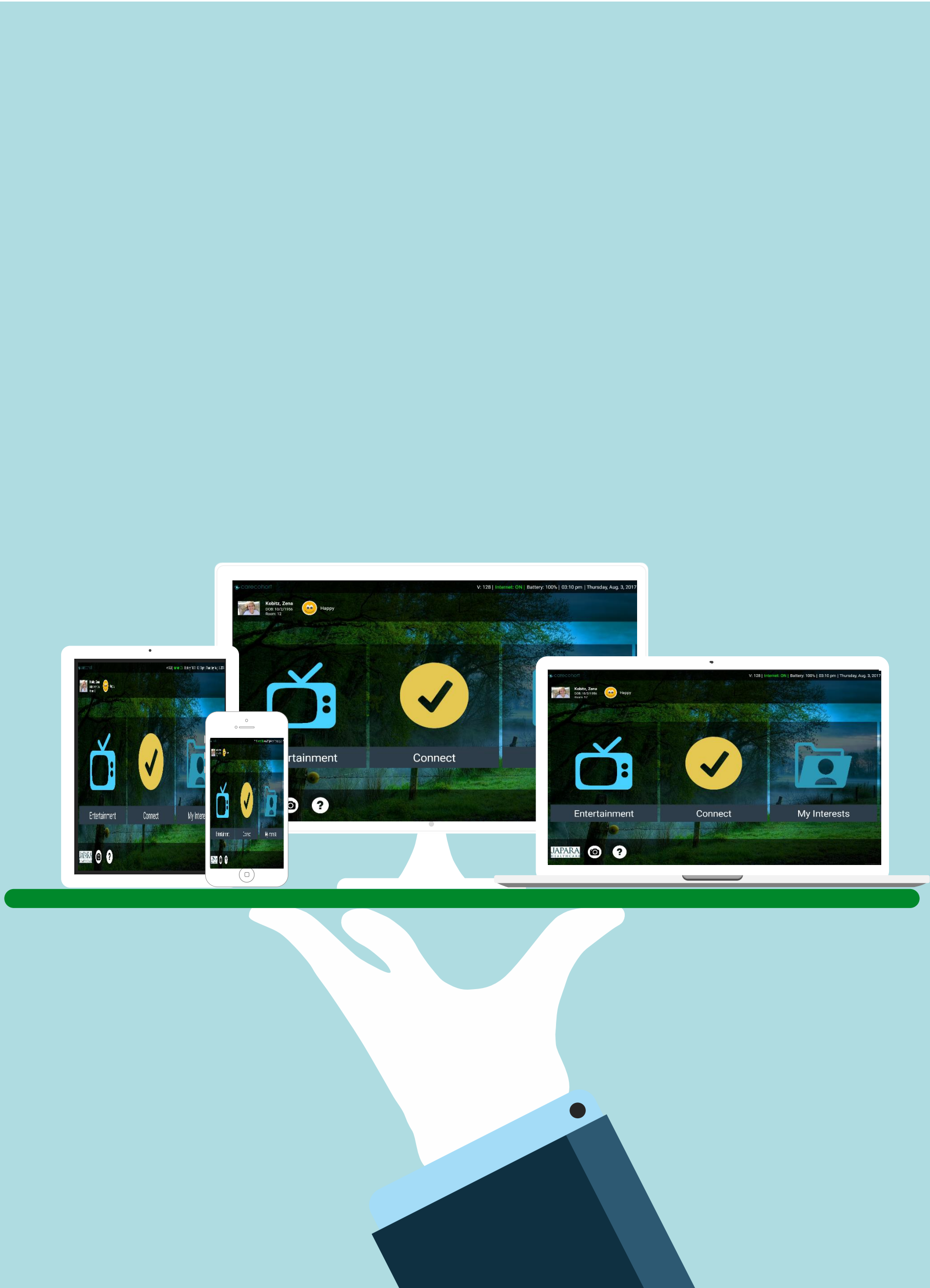


Residents

Details		At home?	Activity status				Wellness Score
	Tommy, Arent DOB: 19/4/1934 Room: 31		 2 Meal(s)	 5.8 hours	 3047 steps	 None	75%
	Zena, Kobitz DOB: 10/2/1956 Room: 12		 0 Meal(s)	 9.6 hours	 5002 steps	 None	80%
	Barbera, Tietz DOB: 9/12/1966 Room: 22		 1 Meal(s)	 8.14 hours	 6553 steps	 None	70%
	Rosalia, Burtch DOB: 10/1/1942 Room: 23		 1 Meal(s)	 4.35 hours	 1484 steps	 None	93%
	Burt, Lovan DOB: 11/2/1936 Room: 24		 2 Meal(s)	 8.13 hours	 6258 steps	 None	85%
	Marty, Mckinnis DOB: 2/10/1935 Room: 25		 1 Meal(s)	 4.24 hours	 1800 steps	 None	95%
	Shaun, Neveu DOB: 4/8/1935 Room: 26		 2 Meal(s)	 6.42 hours	 2338 steps	 None	92%
	Krysta, Dorsch DOB: 9/4/1932 Room: 27		 3 Meal(s)	 6.4 hours	 4966 steps	 None	65%
	Darwin, Allman DOB: 28/6/1934 Room: 28		 2 Meal(s)	 5.58 hours	 4083 steps	 None	72%
	Burt, Kafka DOB: 2/10/1922 Room: 30		 3 Meal(s)	 6.1 hours	 6876 steps	 None	90%
	Derek, Aitchison DOB: 7/10/1945 Room: 29		 1 Meal(s)	 7.21 hours	 6494 steps	 None	96%



Enabling Aging in Place – Client Centric Information



Keep you systems open and allow them to integrate...



Mei, Fiona
Carer
[Sign out]



Kobitz, Zena
DOB: 10/2/1956 (60)
Room 12

Wellness Score 95%



Kitson, Twila
DOB: 1/4/1945 (71)
Room 14

Wellness Score 91%



Mei, Fidel
DOB: 30/1/1952 (64)
Room 15

Wellness Score 52%



Park, Jonell
DOB: 10/5/1936 (80)
Room 16

Wellness Score 88%



Chess, Maxwell
DOB: 19/2/1935 (81)
Room 17

Wellness Score 85%



Rollin, Enrique
DOB: 12/3/1945 (71)
Room 18

Wellness Score 70%



Corr, Fonda
DOB: 3/8/1952 (64)
Room 19

Wellness Score 93%



Luz, Dorinda
DOB: 11/2/1946 (70)
Room 20

Wellness Score 81%



Scott, Tim
DOB: 19/9/1935 (81)
Room 21

Wellness Score 88%



Tietz, Barbera
DOB: 12/9/1955 (61)
Room 22

Wellness Score 87%



Burtch, Rosalia
DOB: 1/10/1942 (74)
Room 23

Wellness Score 72%



Lovan, Burt
DOB: 11/2/1936 (80)
Room 24

Wellness Score 84%

