

IOTICS

GEMINI CALL 16/5

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EMPOWERING VULNERABLE CUSTOMERS

INTEROPERABILITY

in the utility sector

IOTICS



NORTHERN GAS NETWORKS

CUSTOMER ENERGY VILLAGE

SHARING OF DATA ACROSS A MULTI-PARTY, CROSS-SECTOR ECOSYSTEM

DT OF SENSORS, ENERGY CONSUMERS & PROPERTIES

EACH STAKEHOLDER (7) HAS OWN SPACE

DATA DISCOVERY AND REUSE

DECENTRALISED ARCHITECTURE



Hello

The cost of energy is increasing. you stay in control.

As you might have seen in the news, unfortunately the cost of wholesale energy has increased significantly in the past 6 months.

In light of this, Ofgem (the energy regulator) has raised the energy price cap to the Standard tariff in line with it on **1 April**.

By doing this, we're able to carry on offering the best of service and price.

Here's what it means for you

Your electricity price will increase to the new price cap. This means that your electricity bill will increase. However, we will ensure that your bill remains as low as possible.



PRIORITY SERVICE REGISTER

SUPPLY FAILURE OR EMERGENCY

11M ELIGIBLE HOUSEHOLDS

MEDICAL CONDITIONS OR AGE

CHALLENGES

POINT TO POINT SHARING
SILOED INFORMATION
AWARENESS
TIME

Vulnerable people face 'mental distress' to get on the priority services register

Many people don't even know it exists. Ofgem is calling for a universal priority services register so vulnerable people don't have to face unnecessary distress

HOW DO WE WORK TOGETHER?

HOW DO WE SHARE
THE RIGHT INFORMATION
AT THE RIGHT TIME
IN THE RIGHT CONTEXT
WITH THE RIGHT PEOPLE
WITHOUT COMPROMISING SECURITY OR CONTROL



DON'T CENTRALISE

USE EXISTING SYSTEMS
OVERLAY ARCHITECTURE
USE SEMANTICS
(AND EXISTING ONTOLOGIES)
START AND TRUST EVOLVES



VIRTUALISE

FEDERATE

INTEROPERATE

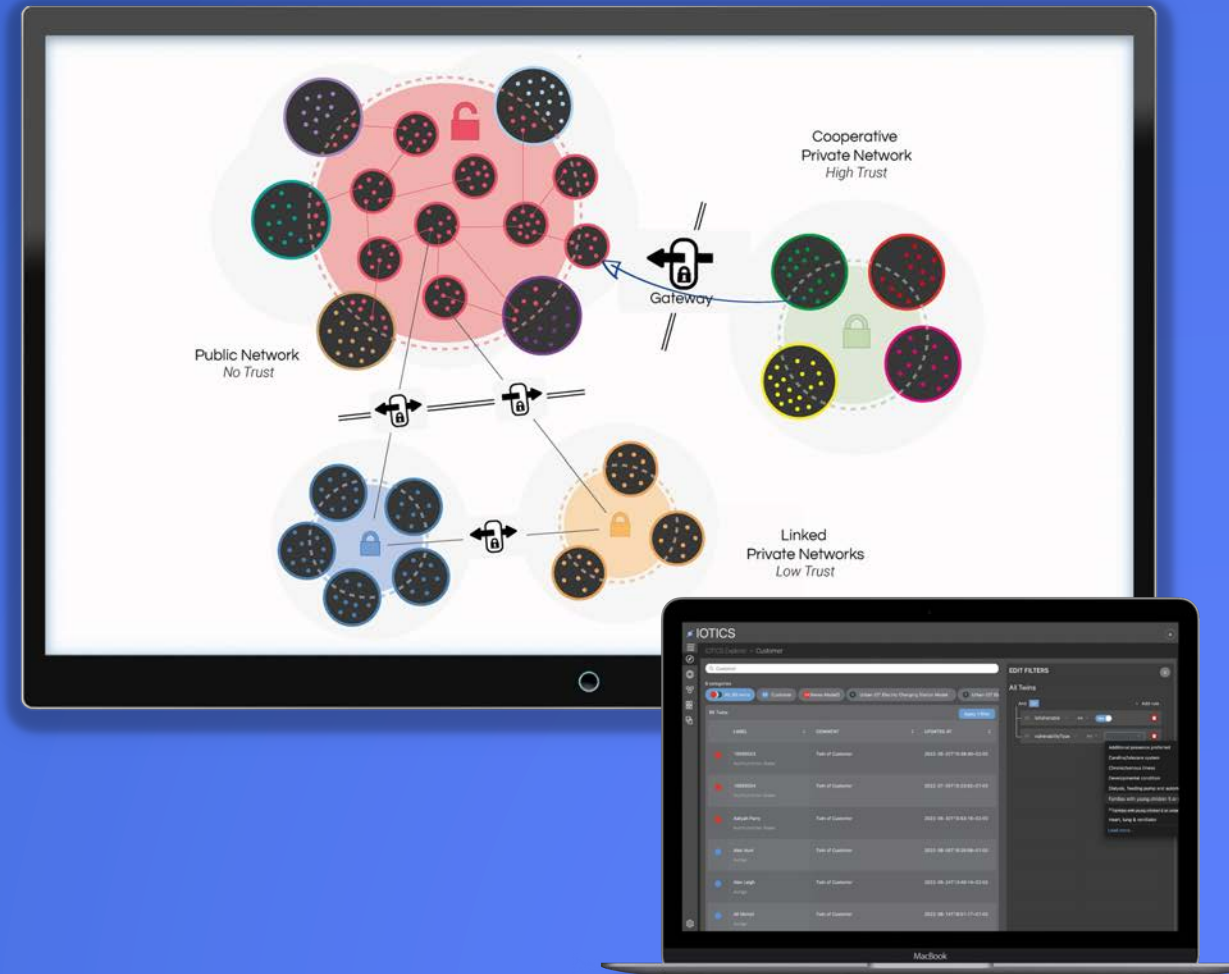
UNFINISHED

FINANCIAL VULNERABILITY
GREEN POVERTY



TRUSTED INTEROPERABILITY

EVERYONE HAS THEIR OWN SPACE
DECENTRALISED NODE IN A NETWORK
THEIR TWINS “LIVE” IN THEIR SPACE
CHOOSE TO SHARE WITH OTHERS
CHOOSE WHAT TO SHARE WITH OTHERS
CHOOSE WHEN TO SHARE WITH OTHERS



JOIN US ON THE JOURNEY

CHAT AT UTILITIES WEEK LIVE
THANK YOU
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PODCAST



VIDEO