

Digital Trust & Generic digital Infrastructure

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If...

...we would not have public roads and transportation infrastructure ...

You would have to build one every single day you go to work.

Person of Interest

Increasingly devices, objects, persons and organisations will exchange information – often in multi-party entities or constructions

Increasingly location context is a relevant piece of information to provide new services

And in addition, more and more information seeks to cross traditional sector-silo's

In many of these cases the information involved is about – YOU (and / or me)

Location of Interest

Alliander;

Smart Meters, Smart Users
& The Energy Transition

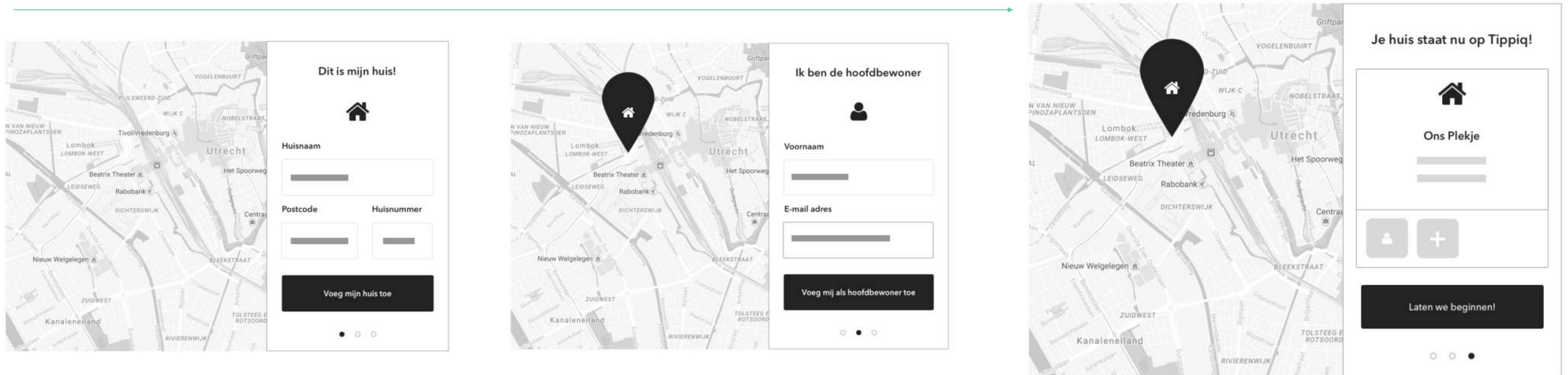
So this is where my story begins...

It begins - With a house...

So we started to build a platform for the digital house...

Claim

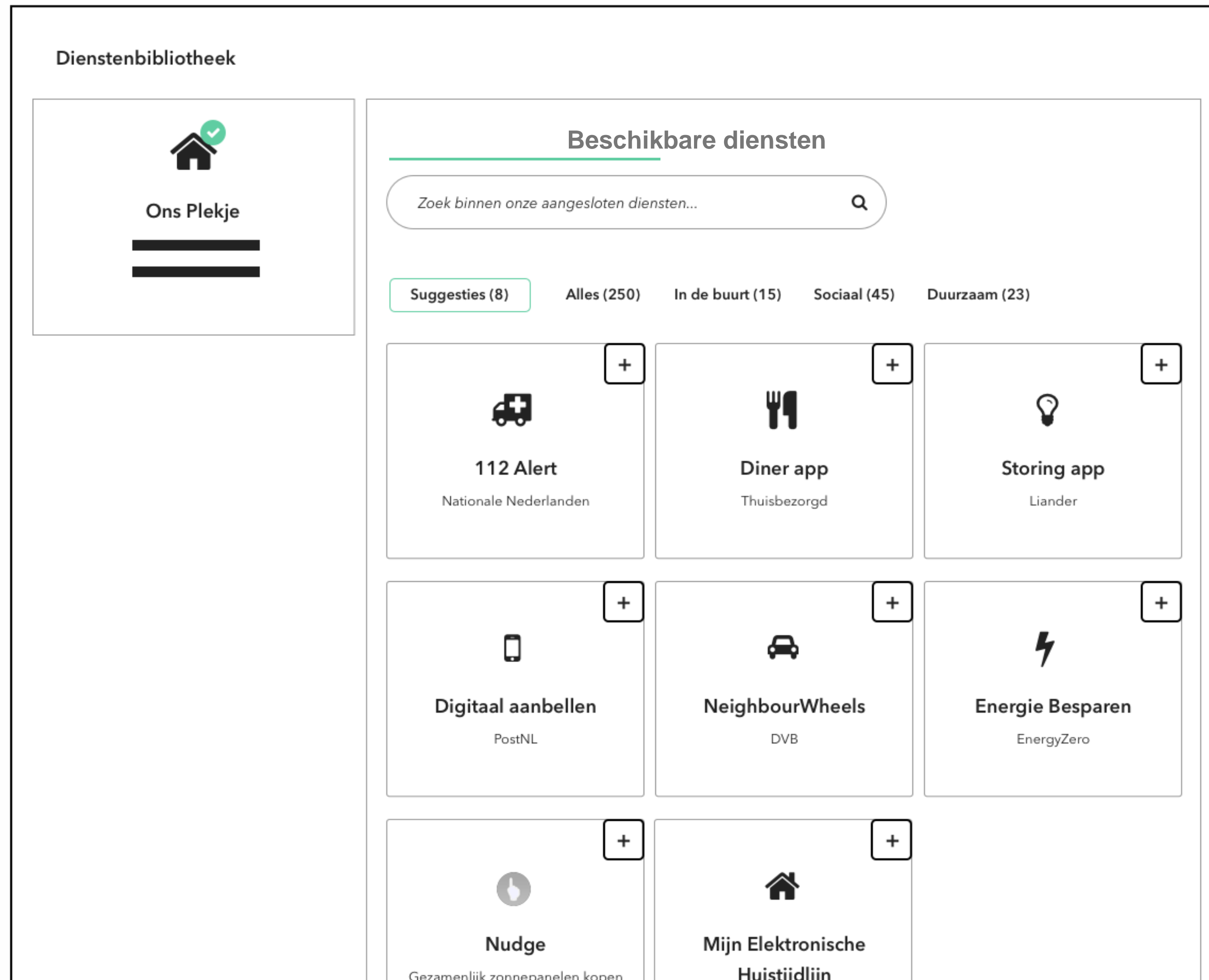
& add residents



1

A digital network of houses

To allow users access to a service library



2 Market place for (trusted) Home services

3 Validated Locations & Residents

Validatie vindt plaats zodra dit nodig is voor een dienst.

Valideren kan op meerdere manieren en door meerdere partijen uitgevoerd worden.

Een persoon kan meerdere rollen hebben: eigenaar, hoofdbewoner, bewoner

Ook tijdelijke rollen worden mogelijk: gast (AirBnB), dienstverlener (Zorg / Logistiek / Vertrouwde Buren / Vrienden)

The screenshot displays a user interface for 'Mijn woning' (My home). It is divided into two main sections: 'Mijn woning' and 'Mijn gekoppelde diensten' (My connected services).

Mijn woning

- Ons Plekje**: A house icon with a green checkmark, indicating a validated location. Below it are two horizontal bars representing a profile or address.
- Bewoners**: A list of residents. Xander is the 'Hoofdbewoner' (Head resident) and Linda is a 'Bewoner' (Resident). Both have green checkmarks. A link 'beheer bewoners' is visible below the list.

Mijn gekoppelde diensten

A grid of 16 service tiles, each with an icon and two horizontal bars below it. The services are:

- Storing app Liander (Lightbulb icon)
- Cloud storage (Cloud icon)
- Travel (Suitcase icon)
- Shopping (Shopping cart icon)
- Coffee (Mug icon)
- Settings (Gears icon)
- Payments (Coin icon)
- Banking (Card icon)
- Dining (Fork and knife icon)
- TV (TV icon)
- Mail (Envelope icon)
- Documents (Document icon)
- Lightbulb (Lightbulb icon)
- Cloud storage (Cloud icon)
- Travel (Suitcase icon)
- Shopping (Shopping cart icon)

Allowing each individual service to gain access to information and permissions – Houserules

4 Houserules (& attributes)

The screenshot displays the 'Mijn woning' (My home) dashboard. It is divided into several sections:

- Mijn woning:** Features a house icon with a checkmark and the text 'Ons Plekje'.
- Bewoners:** Lists residents: 'Xander' (Hoofdbewoner) and 'Linda' (Bewoner).
- Mijn gekoppelde diensten:** A section titled 'Mijn gekoppelde diensten' containing a 'Storing app Liander' card and three other service cards.
- Huisregels:** A section titled 'Huisregels' with a toggle for 'Liander' and four rules:
 - Mag: toegang tot mijn contact informatie
 - Om: mij op de hoogte te houden
 - Als: er een stroomstoring is op mijn adres
 - Zodat: ik zo min mogelijk hinder ervaar.
- Attributen:** A section titled 'Attributen' with tabs for 'Recent' and 'Alle', showing various service icons and a 'Logs' section below.

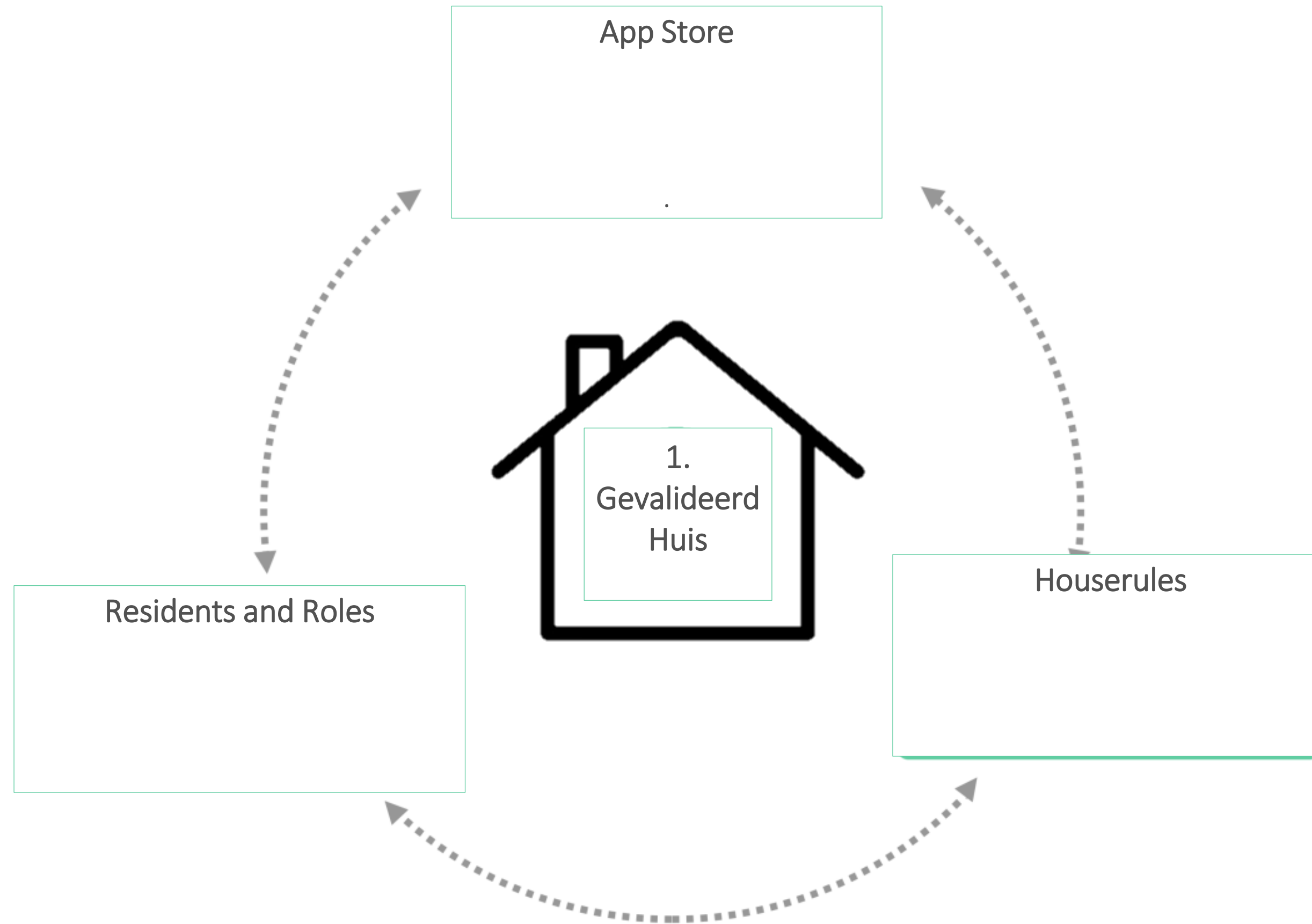
A scheme build up on five main components

“My house allows service x...”

[actor] is allowed **[to act]** with/from **[actee]**
if/when **[condition]** in order to **[purpose]**.



Brief



Use for a decentralized house network

By allowing residents to take control over their personal information, applications and offering third parties access to data/devices & objects from validated people (or their houses) we unlock new potential.

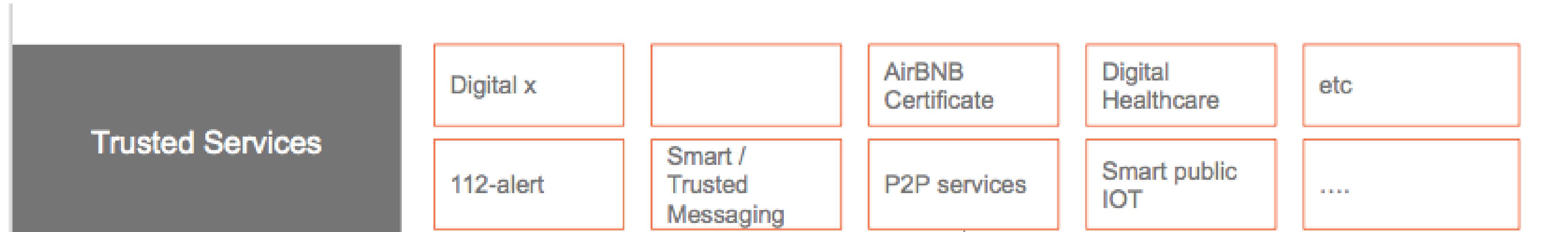
Where data driven services get access and permission to use information under lower costs/
Higher level of assurance and with full personal integrity and freedom.

Logical Cluster

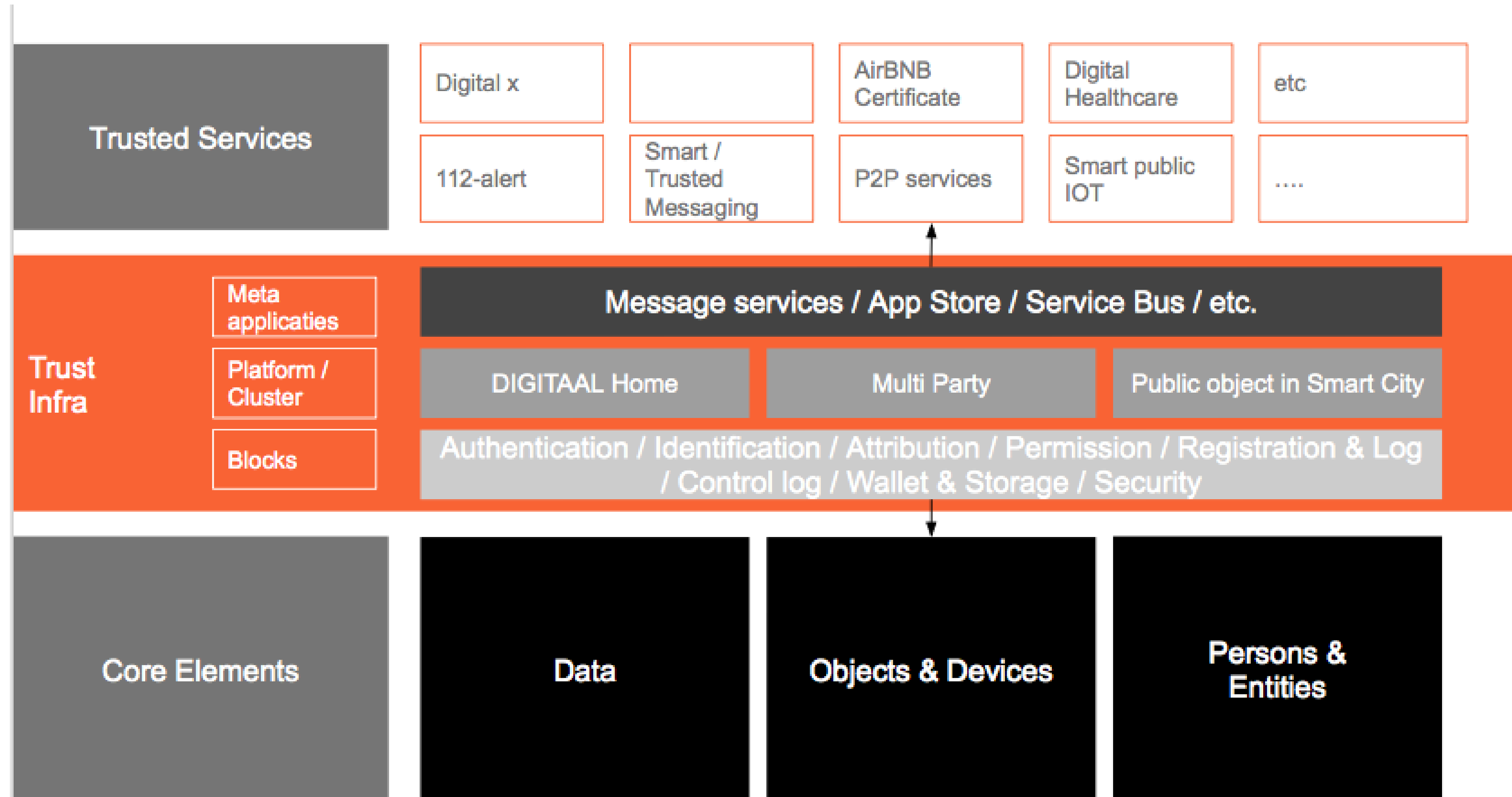
This house is a logical Cluster

One of many...

Point Solutions



Logical Cluster powered by Trust Frameworks



Here's where Trust Infrastructure is vital.

If you live in a digital society that uses data, objects & devices from Persons and entities to provide you with better, life improving new services...

You need assurance, guarantees and independent governance to fully guarantee safe and trustworthy services.

Trust Frameworks...

If...

...we don't build communal digital roads that you can rely on...

You would have to have to arrange, manage and control all of your personal information

For each and every individual service separately...

Trust me – we should not go there.

Not as **person** nor as a **business**...

(Just Imagine **the Hassle** and just try to figure out **the costs**)

Trust Me...



**I'm not a
PRACTIVIST**

Governance & Privacy By Design

We learned some things what we should no do or be...

- Actually having personal information and identity information of our users
- Provide services our selves – The platform **is** the Service
- Actually store the houserules ourselves...
- Become a Profit center or commercial entity –

But...

- How can you build a platform when your not allowed to prove it with relevant services?
- Without having any personal data and the adjacent permissions?
- ***Especially considering it can't be owned / held by any government bodie nor by commercial service providers?***



tippiq

IRMA & Iota

Identity Attributes & The Blockchain...

A cartoon character with a large head, a single eye, and a red mouth is holding a white sign. The sign contains the text 'I Reveal My Attributes' in blue. The background is blue with a repeating pattern of the IRMA logo.

**I
Reveal
My
Attributes**

Imagine what happens if all kinds of identity and trust information could be found
In one place –

Stacked

And being able to re-use it...

What about
BlockChain???

**BLOCK
CHAIN**



INTRODUCING

MASKED AUTHENTICATED MESSAGING



Decentralized Trust & Trustframeworks

Infrastructure to build better

Under higher assurance

Against lower cost

Respecting Privacy and integrity

Independent

Open & Open Source



Thanks, hope you join me / help me / advise me / correct me /
Curate me

Drop me a line:

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