Delivering Social and Municipal Services

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Online Social Services Application By State
Many Transit Apps

- TRIMET
- Parking Kitty
- SMART
- Lime
- Spin
- Biketown
Examples of Services That Require Verifiable Data Transactions

Community Investment Trust (Mercy Corp)
OneApp (No App Fee)
Small Donor Elections (Fair and Accountable Elections)
Green Incentives (Autodesk GoGreen)
EV Charging (Sharing in community)
PASS (Personalized Access System For Services)

Transactions between groups and sensors

Transactions Between Individuals and devices

Transactions Between Individuals

Transactions Between devices

Transactions Between Individuals and services

Transactions Between services and devices

Build a smart community transaction platform that reduces friction (cost), builds trust and enables new services.
PASS (Personalized Access System For Services)

Source Code and Explanation

https://github.com/codeforpdx/PASS?tab=readme-ov-file
https://github.com/codeforpdx/PASS/wiki

Other Inspiration

https://becknprotocol.io/
https://www.hubofallthings.com/
International Technical Working Group on IoT-Enabled Smart City Framework

Two barriers currently exist to effective and powerful smart city solutions. First, many current smart city ICT deployments are based on custom systems that are not interoperable, portable across cities, extensible, or cost-effective. Second, a number of architectural design efforts are currently underway (e.g. ISO/IEC JTC1, IEC, IEEE, ITU and consortia) but have not yet converged, creating uncertainty among stakeholders. To reduce these barriers, NIST and its partners convened an international public working group to compare and distill from these architectural efforts and city stakeholders a consensus framework of common architectural features to enable smart city solutions that meet the needs of modern communities.