Making the Cloud work for us
Efforts to develop a
Global Public Inclusive Infrastructure (GPII)

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NPII and GPII

- National Public Inclusive Infrastructures working together to create a Global Public Inclusive Infrastructure.

- Funding is local but technology base and tools can be universal and then localized.
Situation we have - and what we need to do.

Addressed by Assistive Technologies

Addressed by Universal Design (built-in)

Cannot fill the gap with government funded or philanthropic access efforts. Too large
2 part Strategy

1. **Maximize** the portion of accessibility that can be addressed through ordinary market mechanisms and **minimize** the portion that must be served through government or philanthropic intervention.

   -- **by fostering innovation** in accessibility and expand the market for innovative vendors

   -- and **maximizing** the accessibility of mainstream products.

2. And then figure out how to **provide basic access for those** that regular market forces still cannot reach
HOW – would a GPII help to address these?

1. Facilitate collaboration
   - International, - public-private, - private-private, - cross sector
   - to lower costs, reduce duplication, accelerate innovation

2. Grow the market for assistive technologies and SERVICES
   - serve more people, lower costs, increase motivation to innovate and invest

3. Increase built-in accessibility
   - Advantages include: Ubiquitous access, no stigma, no “access-tax” to be paid only by some (who are already at disadvantaged)

4. SIMPLIFY
   - For users, for schools, for public access points, for organizations, for governments, for policymakers

5. Provide stepping stones
   - for those who are less technically savvy;
     -- easier, safer starting points & steps forward
For example

- If an older person wanted to be able to communicate with children and with nieces and nephews
  - Email
  - Chat
  - Picture sharing….

Instead of finding this….
Instead what if ....

Email
Chat (text, voice and video)
Picture sharing

could look like this....
Contact Book
What if

- Countries that don’t have AT, or only have a couple types

- Could localize a set of both free and commercial AT and make it available in their language to all people in their country

  - And the set for their country would then update automatically when the other AT was updated for other countries
    - so their AT would continue to work as new mainstream technologies were released
What if …

In the future

- People could just wear a ring.
- And when they walk or roll up to a device, they just touch the ring to the device and it changed into a form they can use.
  - For an elder – it might make it simpler and with larger text
- Any computer
- Any phone
- Their thermostat
- Their oven
- Their clothes washer
- The TV control in the hotel
That is the goal -

- And what NPIIs and a GPII can bring to us over the years if we implement them and build accessibility directly into our information infrastructures
Currently NPII/GPII efforts in

- Funded efforts to work on parts of NPII/GPII
  - US, Canada, Europe (including new call for proposals)

- People interested in implementing in
  - Africa, Australia, Brazil, China, India, Japan, Korea, more
Thank You

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