National Telehealth Technology Assessment Center (TTAC)

NRTRC Summit

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National Telehealth Technology Assessment Center (TTAC)

Alaska Native Tribal Health Consortium (ANTHC)

Who is TTAC?

- TTAC is federally funded through the Office for the Advancement of Telehealth (OAT)

- TTAC provides Technology Assessment services to the 12 regional TRCs as well as the other national TRC.

- Between the three TTAC staff, there is over 50 years of experience in Telehealth
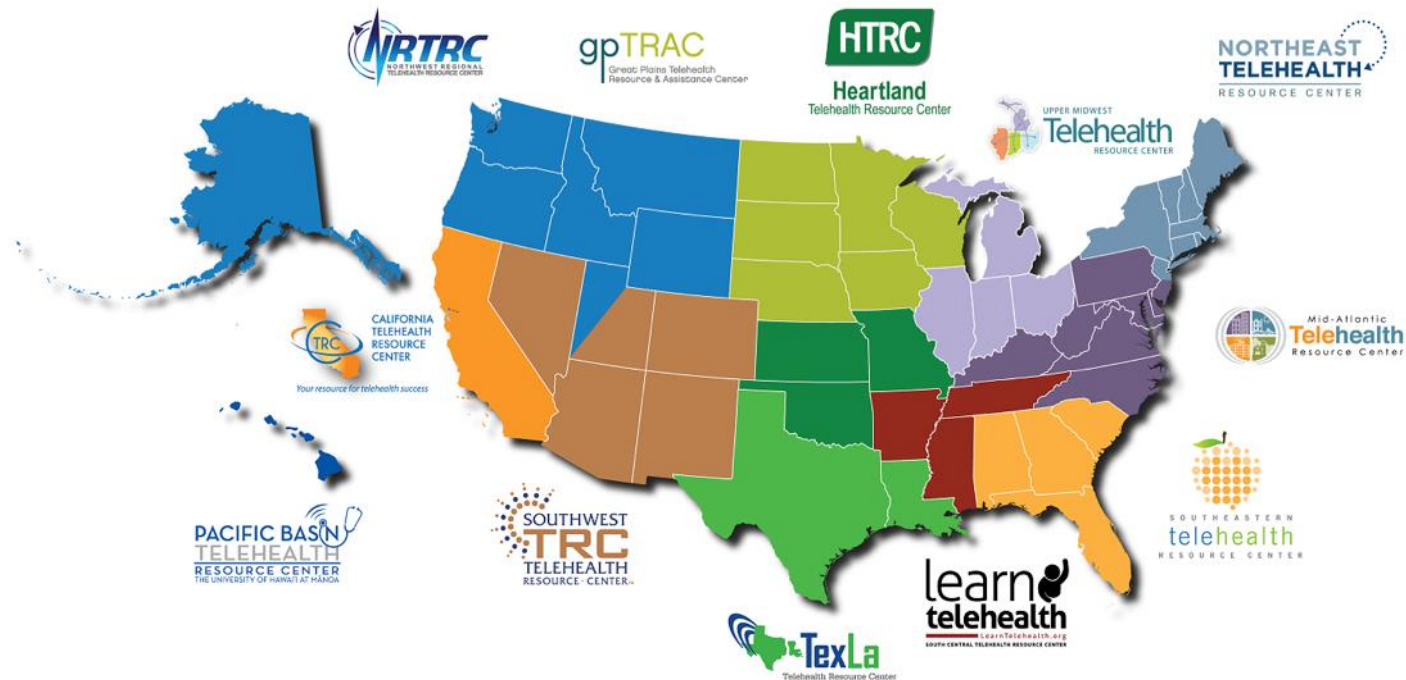
TTAC Technology Showcases

- Provided at Regional Conferences
- Allows attendees to experience and compare medical peripherals
- Vendor Neutral
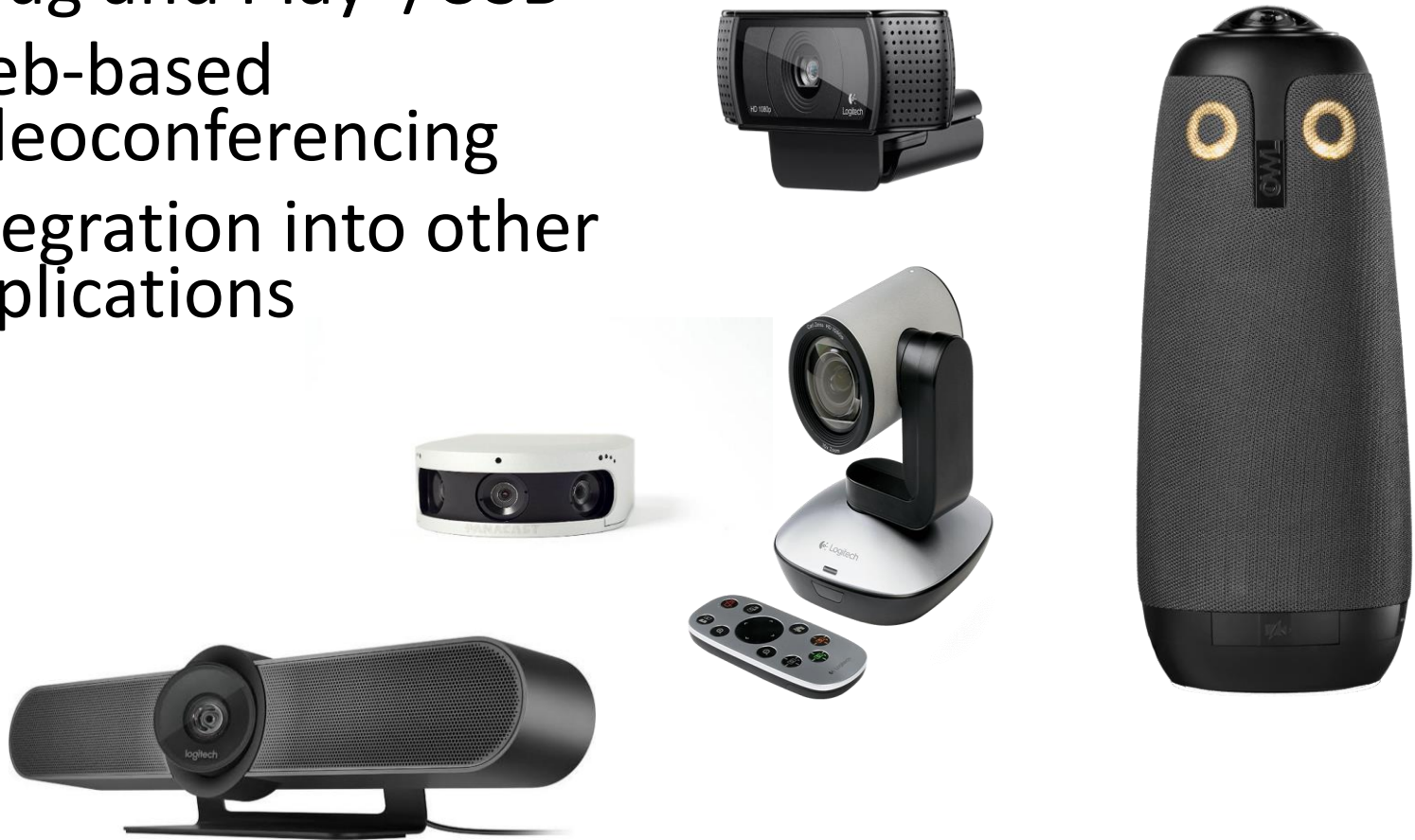
Telehealth Resource Centers

Provide FREE RESOURCES for Telehealth program development and sustainability
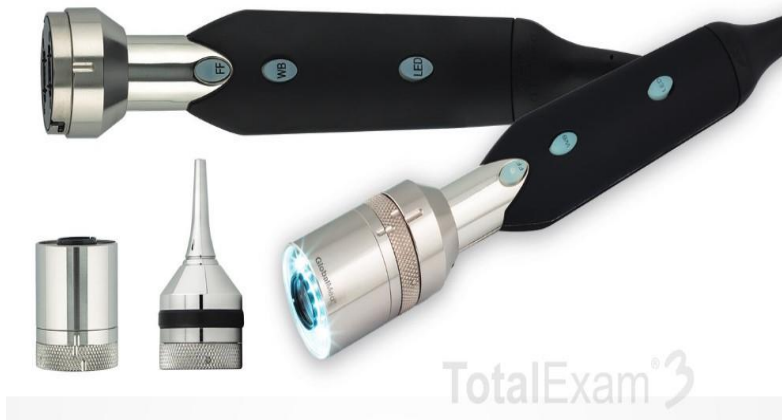
Video Conferencing

- "Plug and Play"/USB
- Web-based videoconferencing
- Integration into other applications

Exam Cameras

- "Plug and Play"/USB
- Multi-Exam
- Capture and/or stream
- Lower cost

Exam Cameras

Live Demonstration

TotalExam 3

Remote Patient Monitoring

- Prevent hospital readmissions
- Monitor patients with chronic conditions
- Blood Pressure, Blood Oxygen, Blood Glucose, Weight, Tempurature
- Medicare Reimbursement Changes

Telemedicine Platforms

- Mobile and Kiosk Platforms

- Imaging, vital signs, patient management

- Live and Store-and-Forward

Augmented Reality

- Add digital information to the physical world

- View virtual objects in 3 dimensions

Industry Trends

- **Transition to Web/Cloud based services**
- **Less expensive/more consumer based devices**
- **Greater integration between platforms and Electronic Health Records**
- **More industry participants**
- **Challenges in keeping older equipment viable**
- **Greater focus on cybersecurity risk management**
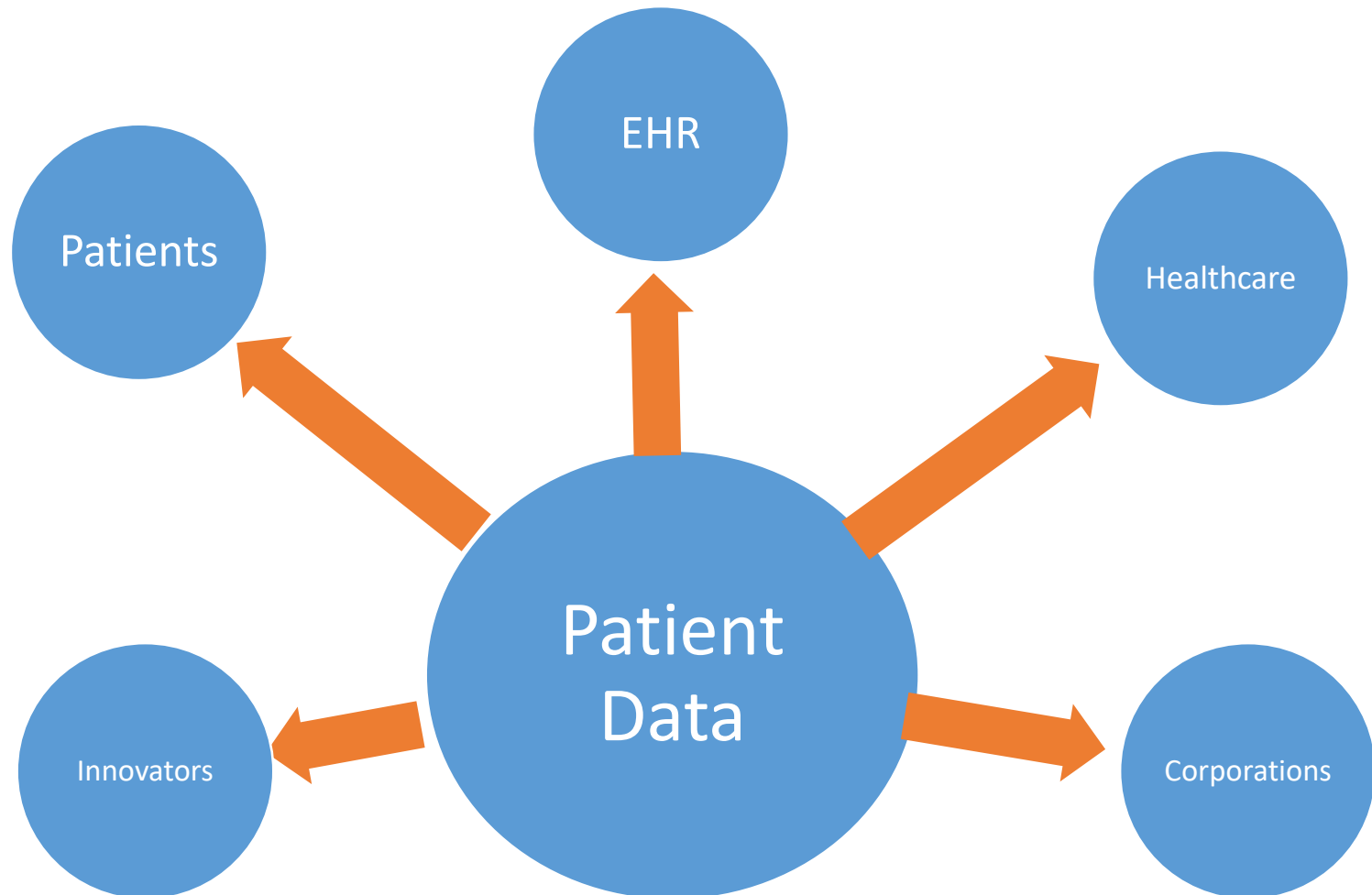
Infrastructure Technologies

- **Improved Terrestrial Infrastructure**

- **5G Mobile Networks**
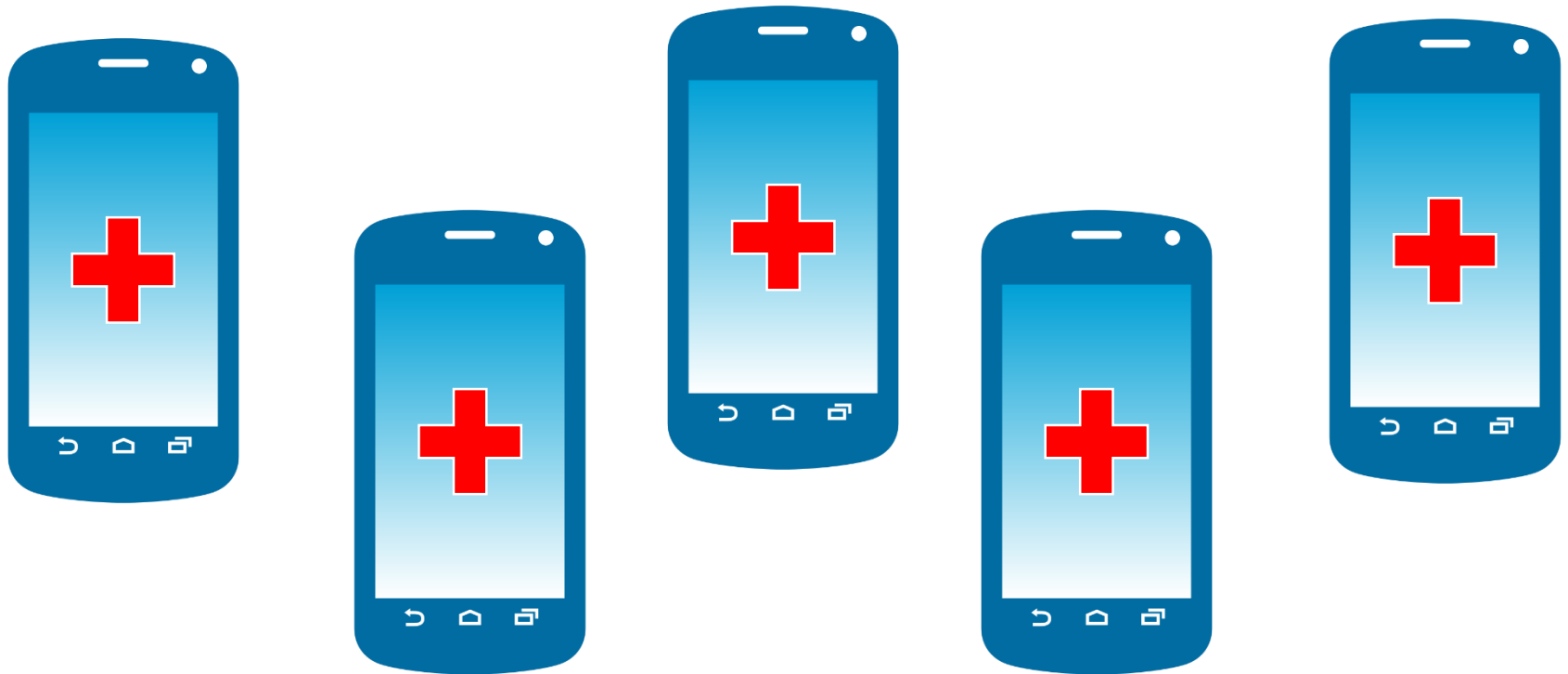
- **Satellite Broadband**

Patient Data

Forces Pulling at Patient Data:

Mobile Health Applications

- **Proliferation of Apps**
- **Health and Wellness vs Diagnostic Apps**
- **Role of the FDA**

Big Questions

- **What do we do with all this data?**

- **How can telemedicine care be better delivered to the patient at home?**

- **How can we better manage cybersecurity risks?**

Thank You

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