

Breakout Session 6:

Generation of an NIH-wide Clinical Database of Hearing and Balance Function

Dr. Christopher Zalewski
Clinical Research Audiologist, NIDCD, NIH

Generation of an NIH-wide Clinical Database of Hearing and Balance Function

Auditory and Vestibular Clinical Research Section

Neurotology Branch, NIDCD, NIH

***STRIDES* Team**

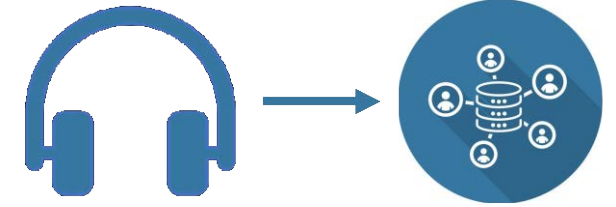
*NIH Science and Technology Research Infrastructure for Discovery, Experimentation, and Sustainability (**STRIDES**) Initiative*



National Institute on
Deafness and Other
Communication Disorders



NIDCD *STRIDES* / *nHEAR* Team



- NIDCD Audiology /
Neurotology

- Chris Zalewski
- Carmen Brewer
- Gayla Poling
- Ronna Hertzanno
- Kate Fernandez
- Antoinette Bethea
- Brandie Mack
- Alessandra Vidal

- University of Maryland

- Anup Mahurkar
- Jonathan Crabtree
- Akira Watanabe

- NIDCD ISMB Team

- Connie Latzko
- Vivek Kamath
- Teak Oh
- Ravi Kosuri
- Karunanithi Kandasamy
- Dan Berger
- Jeremy Burch
- Scot Ryder
- Jermel Mosley

- NIDCD Scientific Director / Admin Office

- Karen Fisher
- Lisa Cunningham
- Lynne Penn
- Deb Tucci

- AudSoft, Inc

- Sara RaynorRepko
- Gary Parlato

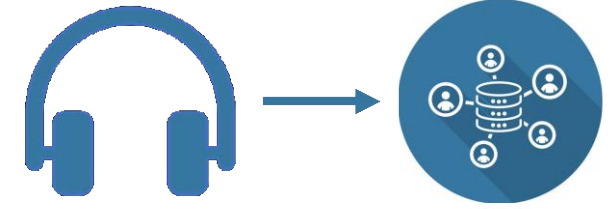
- Intelligent Hearing Systems

- Rafael Delgado

- NIH Department of Clinical Research
Informatics

- Mindy Nghiem
- Robert “Lee” Stehr
- Seth Carlson
- Inna Etin
- Andrea Beri
- Tricia Coffey
- Jon McKeeby
- Ryan Kennedy
- Charles Gibbs

Project Roadmap & Aims



Make locally stored hearing data cloud-accessible

Interface hearing data with the electronic medical record (CRIS)

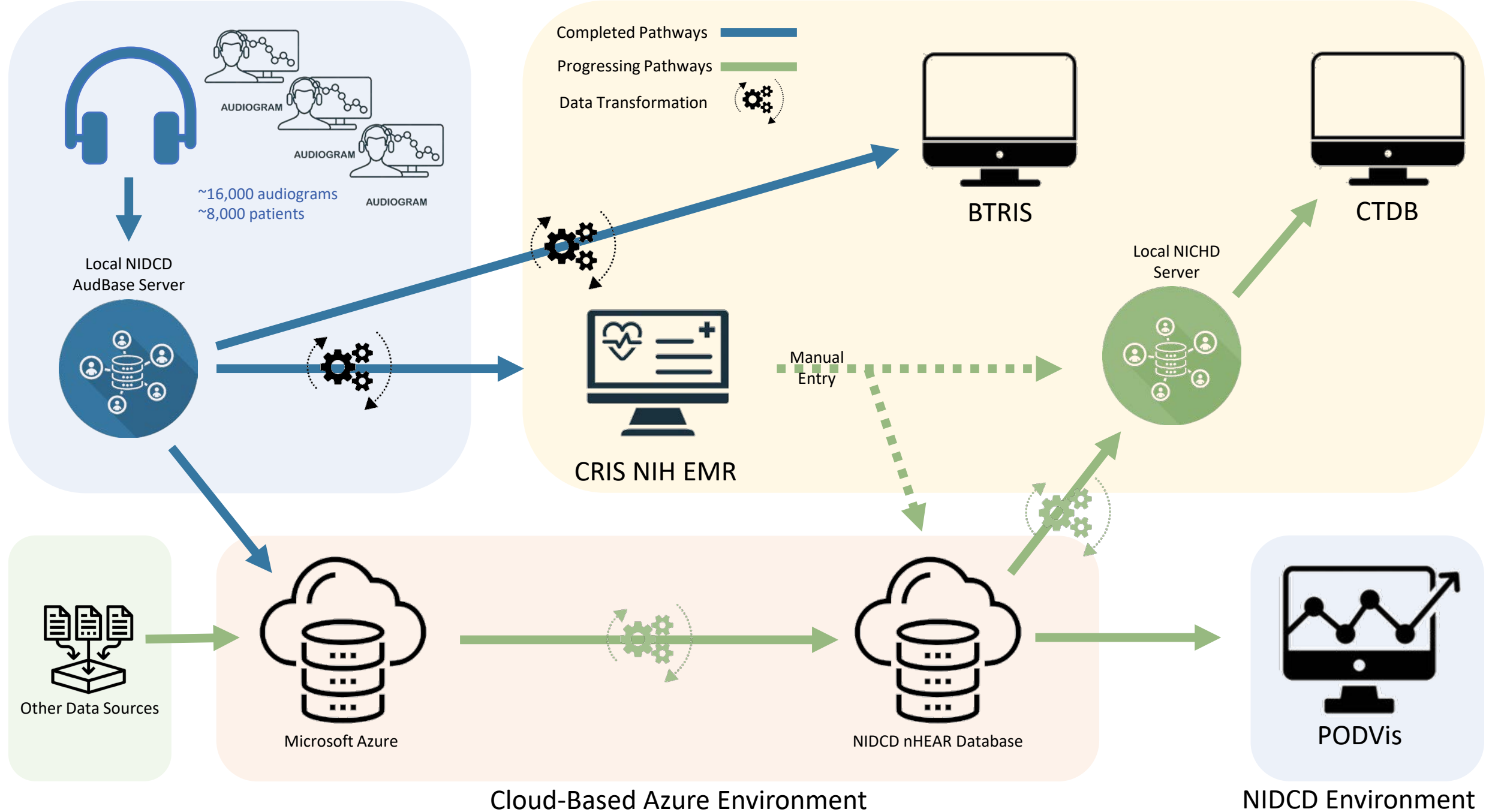
Realtime visual analytics of data

Expand beyond hearing data

Extend database accessibility to greater hearing community

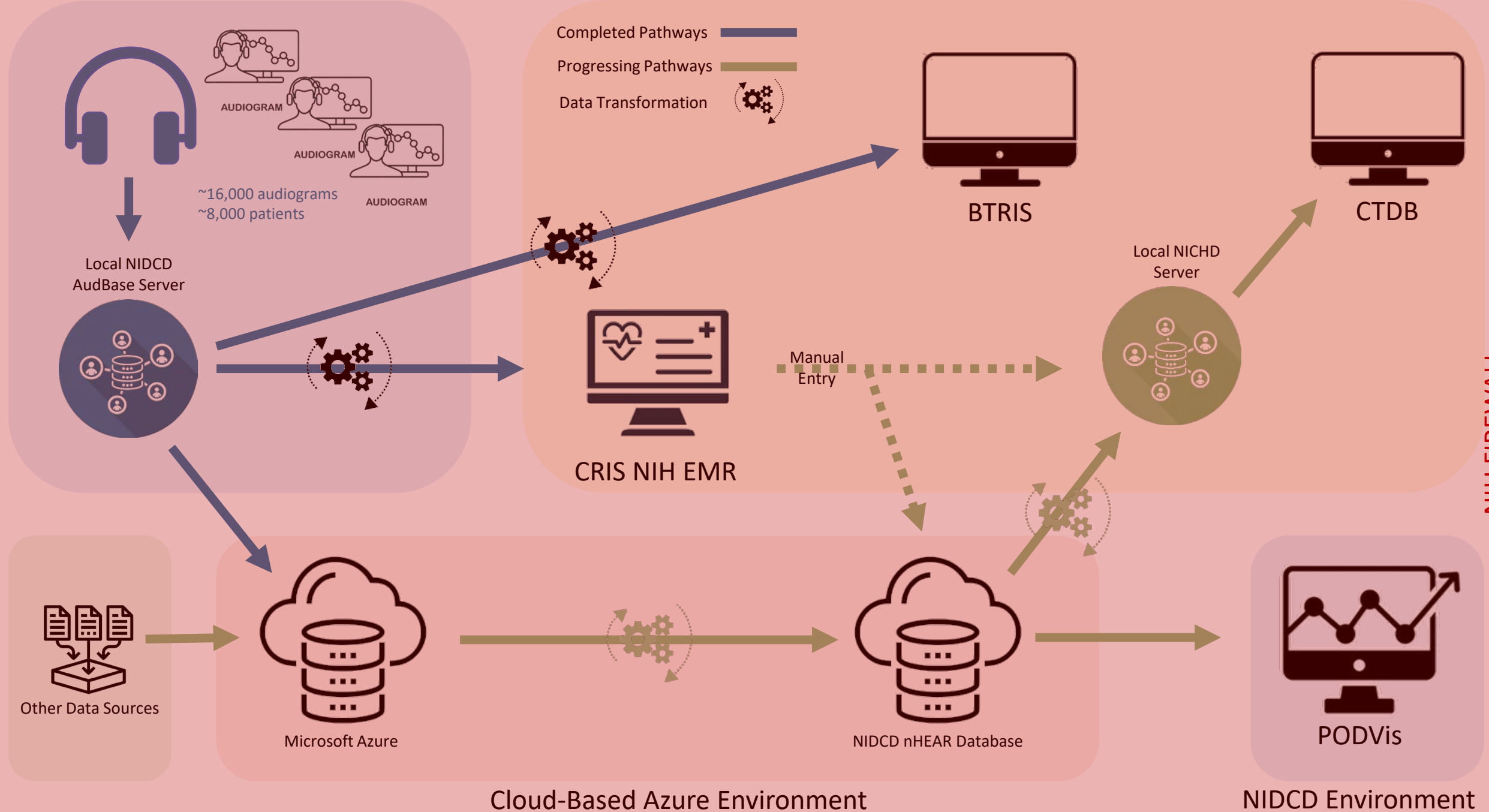
NIDCD Environment

End User Environment



NIDCD Environment

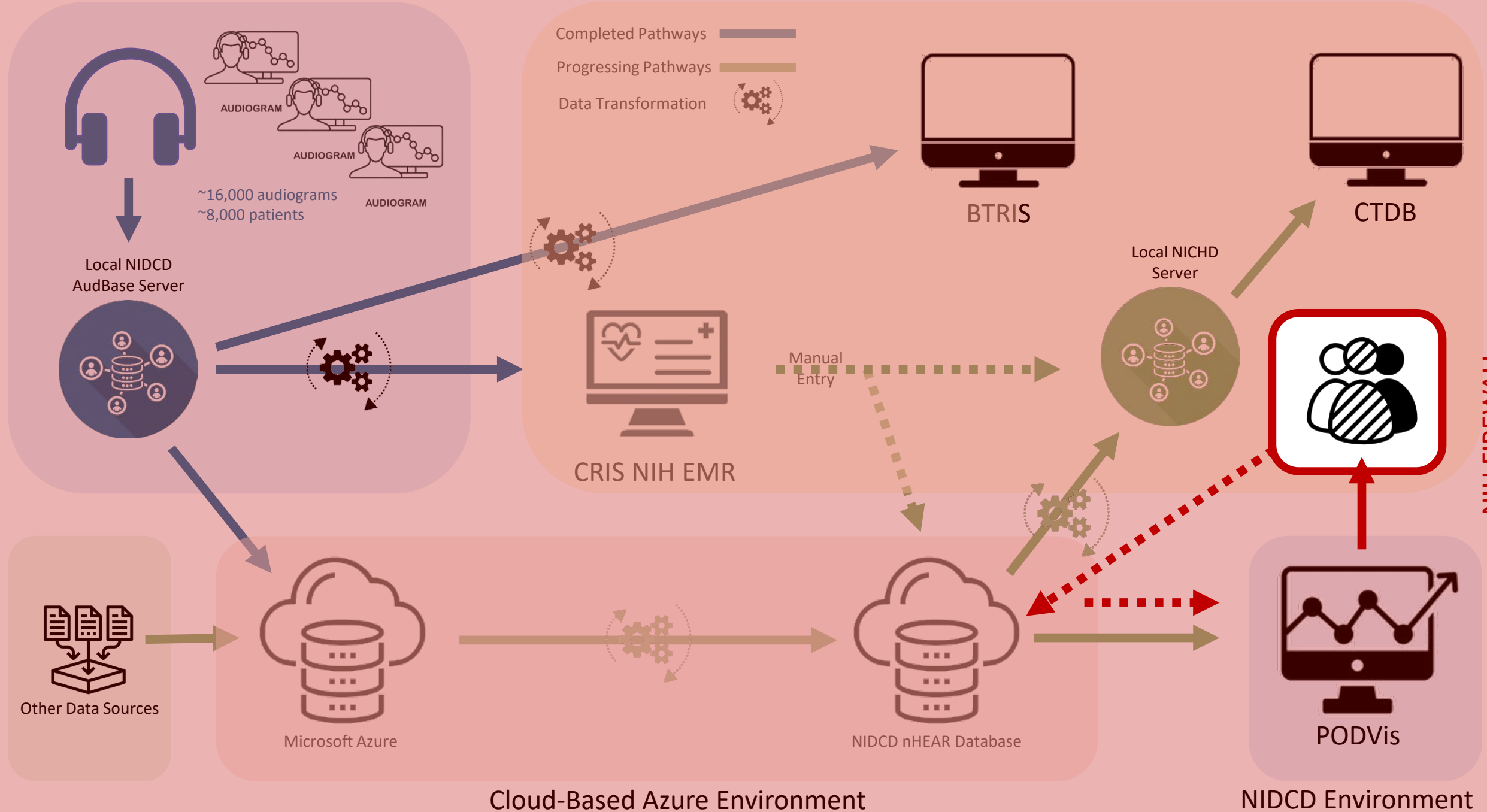
End User Environment



NIDCD Environment

End User Environment

Credit: Teak Oh (ISMB)



Thank you

zalewski@nidcd.nih.gov
gayla.poling@nih.gov



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