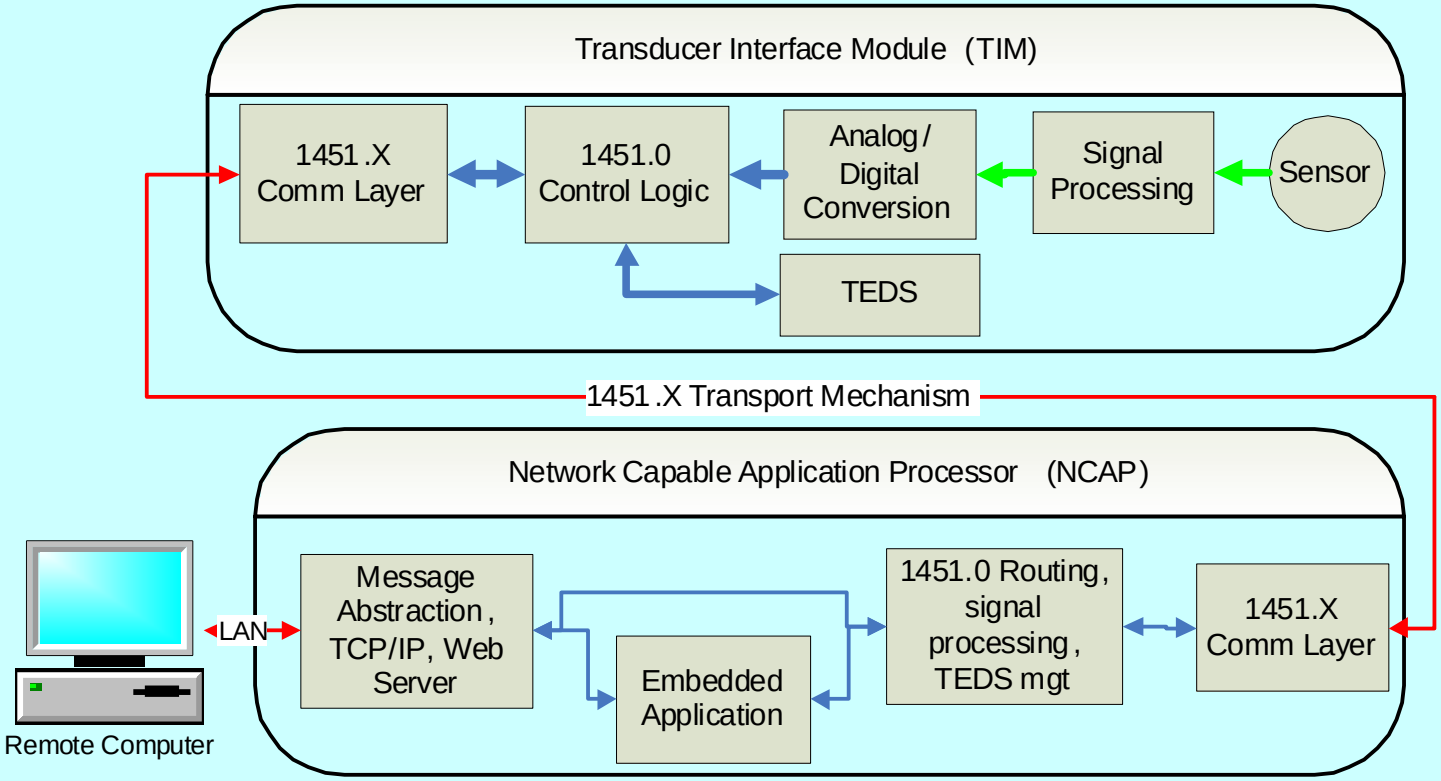
Sensor Standard Harmonization Suggestions

Darold Wobschall

Esensors Inc, Buffalo NY

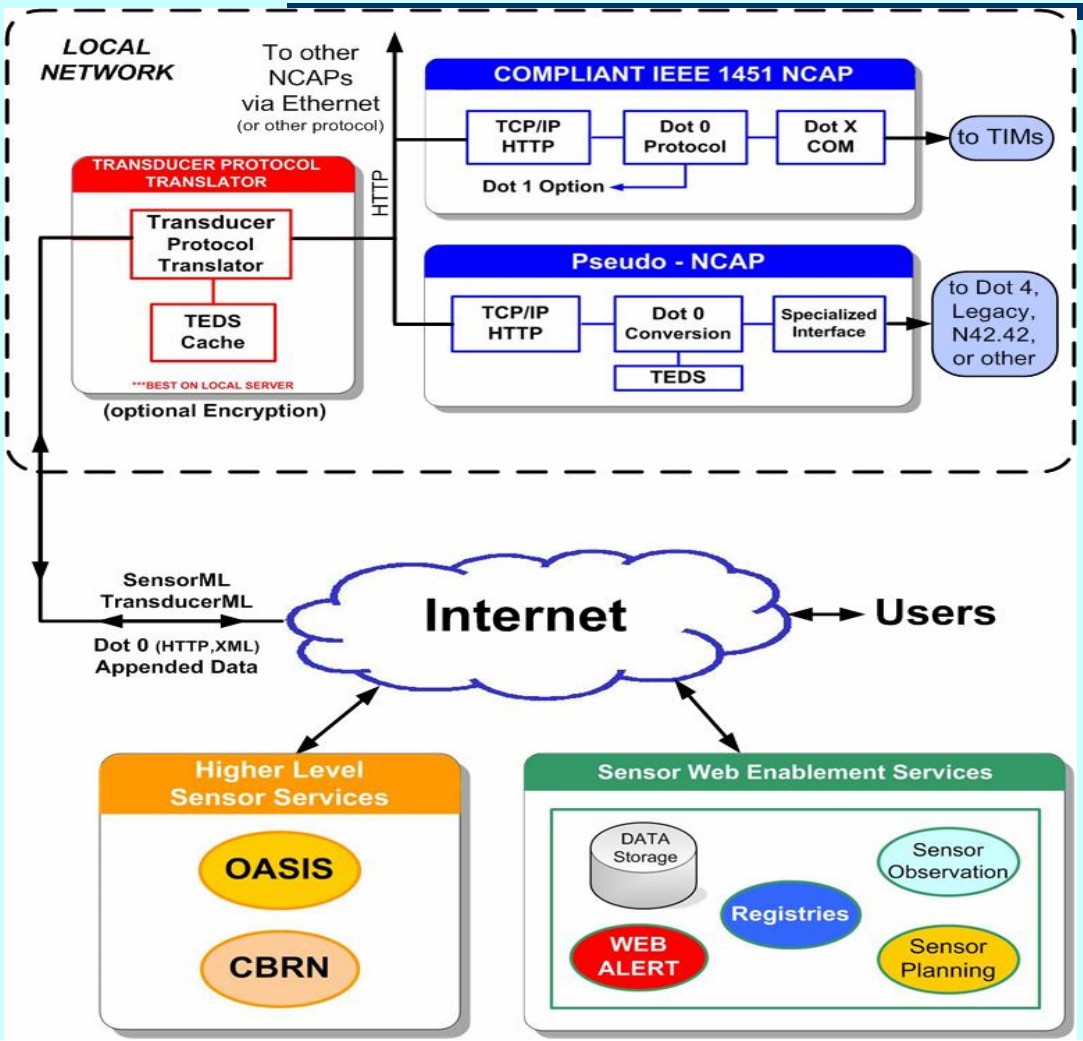
www.eesensors.com

IEEE 1451 Smart Transducer Concept



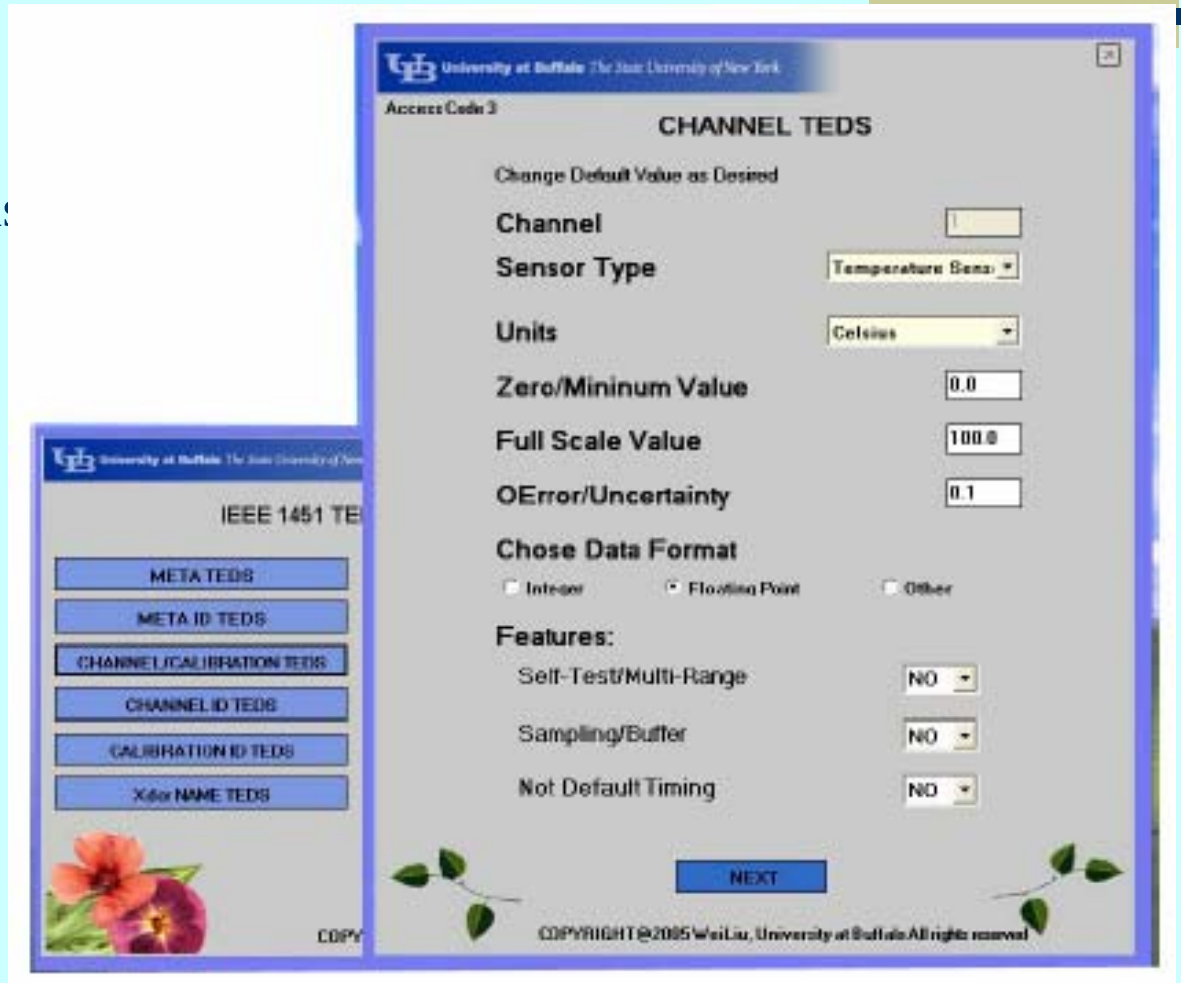
IEEE 1451

Harmonization of IEEE 1451 with other sensor standards



TEDS Compiler

- Part of Ph. D. thesis
  Wai Liu
  (Univ. at Buffalo)
- Copy of thesis is available free



Gas Monitor
with IEEE 1451 protocol

Description of IEEE 1451 Smart Transducer Standard

- A Universal Plug and Play Standard for Digital Sensors
- Supported by National Institute of Standards and Technology (NIST)
- Being considered for adoption by DHS, DOD, DOE, OGC and NASA.