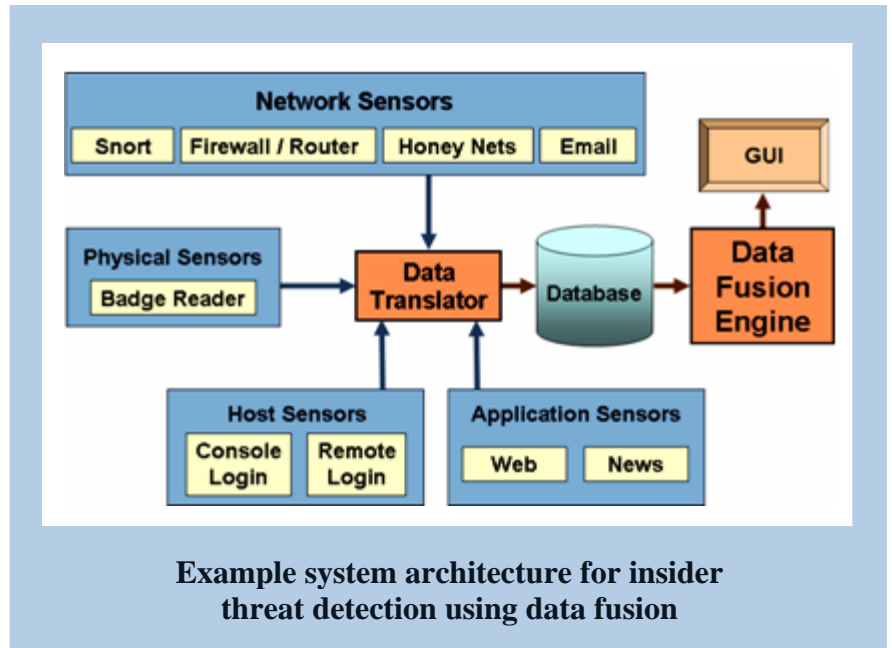


INFORMATION SCIENCES DIVISION (ISD)

ISD staff apply expertise in data engineering, data mining, machine learning, systems analysis, software engineering, modeling and simulation, and data warehousing to solve a wide range of customer problems.

ARL:UT's initial entry into the IT arena was oriented toward developing systems to collect and analyze large volumes of data generated by the U.S. Army during the testing of field artillery Command and Control (C2) systems. This led to work developing instrumentation and software for non-intrusive collection and distribution of digital Command, Control, Communication, Computers, and Intelligence (C4I) data for live training systems at the U.S. Army's maneuver combat training centers (MCTCs). Most recently, we have focused on the integration of information between the operational C4I community and the modeling and simulation activities that support the employment, training, and testing of C4I systems.



Recognizing the need for cyber security, ISD personnel also initiated research and development in computer network security, intrusion detection, and cyber information assurance in the 1990s, later expanding this research into working prototypes that now actively support DoD, the associated intelligence community, and other government agencies. Working closely with these various groups to better understand their requirements, ISD continues to research and design enhancements to each customized prototype. Recently, ISD has augmented these core activities with a variety of system requirements analysis and software engineering efforts to support Texas state agencies.

For further information regarding the work being done in ISD, please contact:

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