



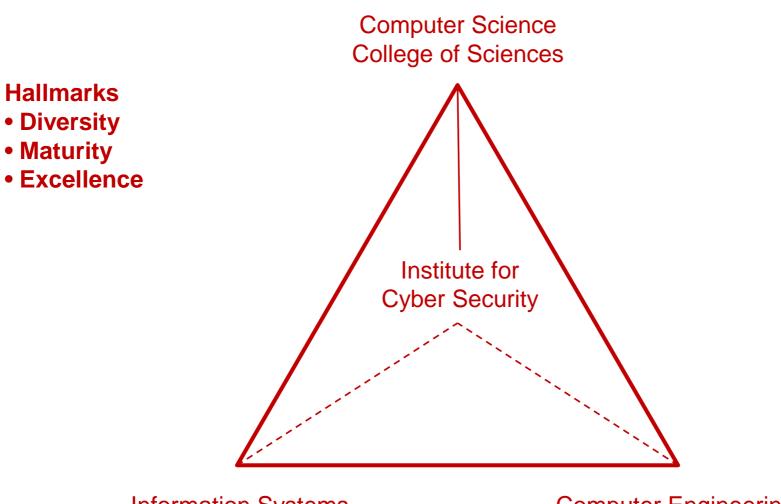
Institute for Cyber Security

Prof. Ravi Sandhu Executive Director and Endowed Chair

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ravi.sandhu@utsa.edu www.profsandhu.com www.ics.utsa.edu





Information Systems College of Business

Computer Engineering College of Engineering

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> Diversity

- ✤ 3 Departments across 3 Colleges
- Core security faculty plus numerous collaborators
- World class labs: FlexCloud, FlexFarm
- Research, Education, Workforce development, Cyber competitions
- Hispanic minority serving institution

> Maturity

- Major and sustained push in cyber security since 2000
- Established degrees and concentrations
- ✤ NSA CAE for Education and for Research

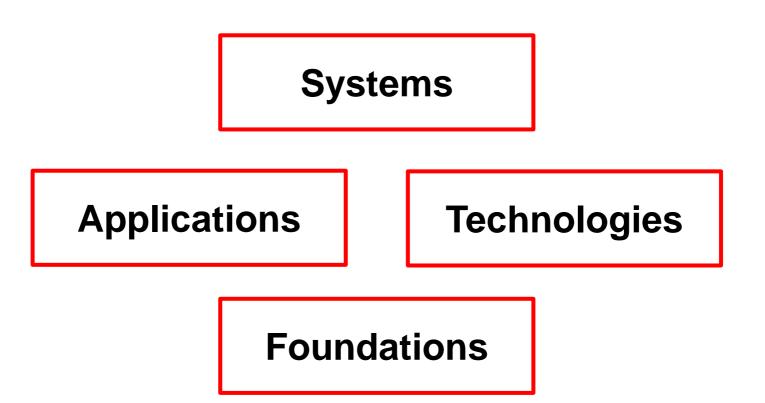
Excellence

- Rated number 1 in the country by a HP sponsored study in 2013
- Creating first BS degree in Cyber Security in USA to be offered by a research intensive CS Department
- Effectively a dual major in CS and Cyber Security
- Excellent placement record for students at all levels



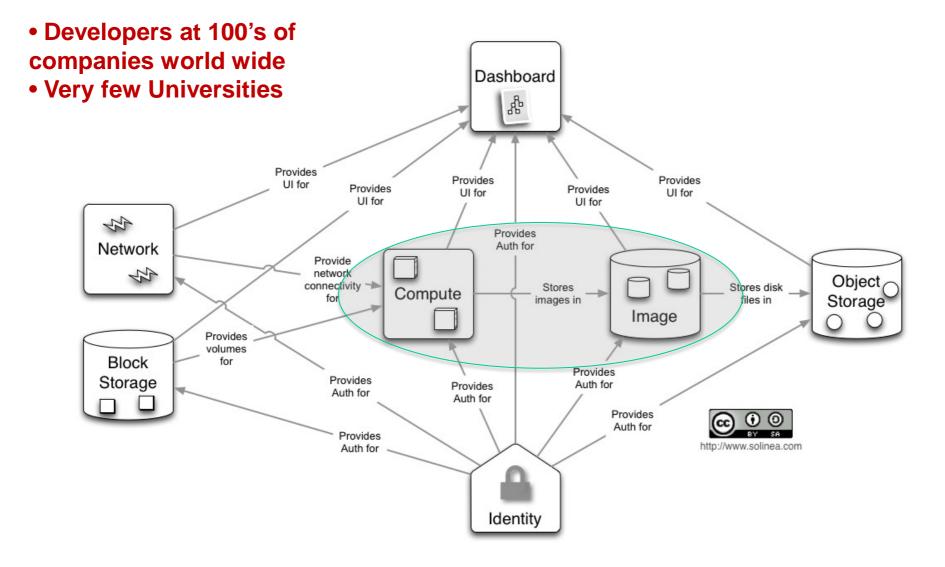
ICS Philosophy



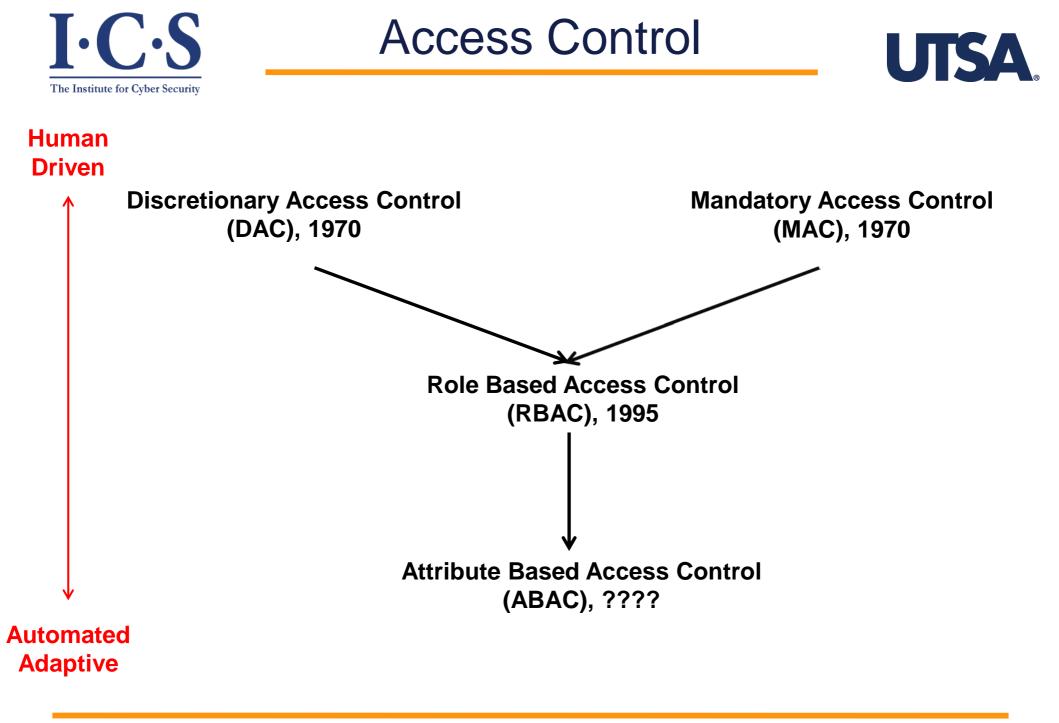




OpenStack Cloud Platform

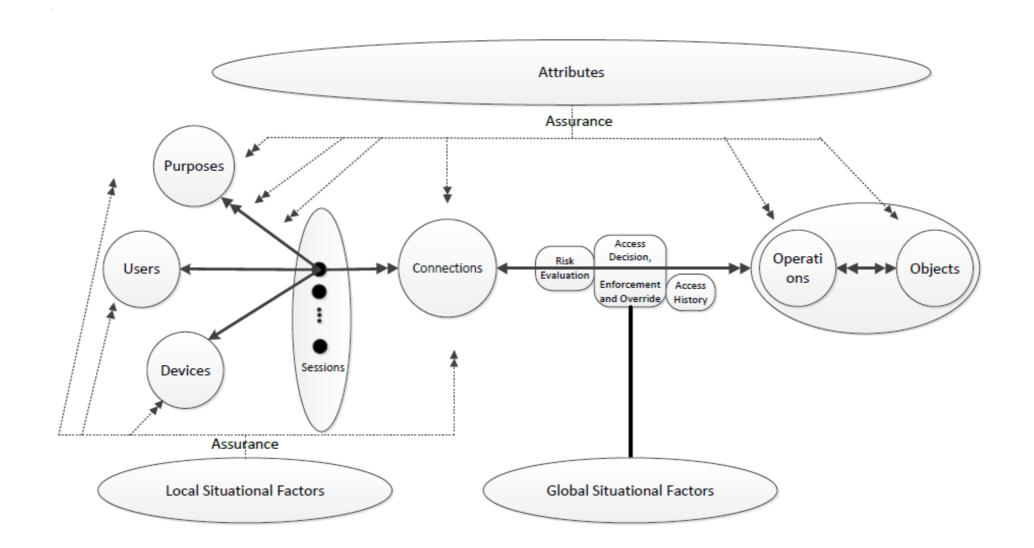


UTSA



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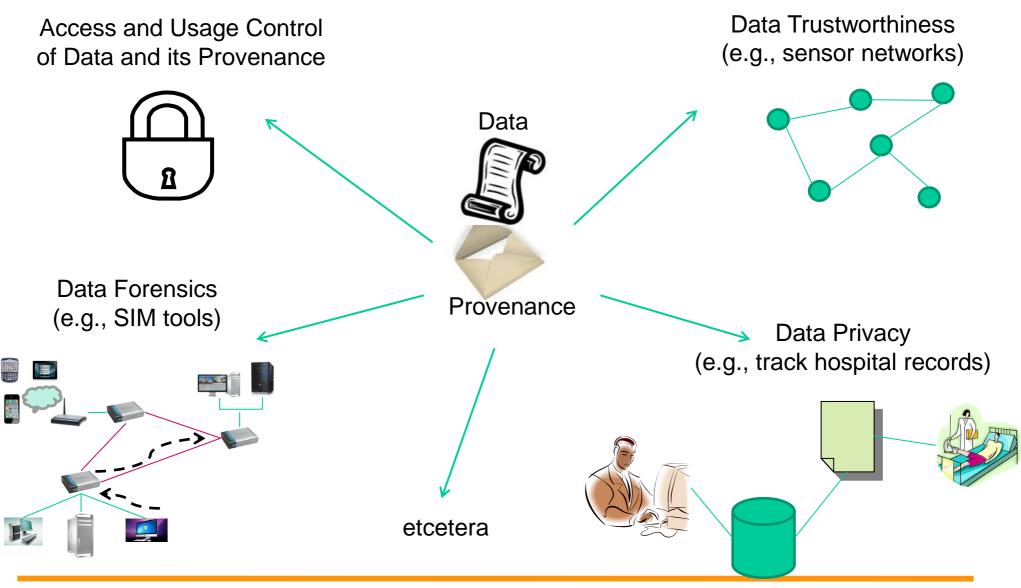


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Provenance Aware Systems

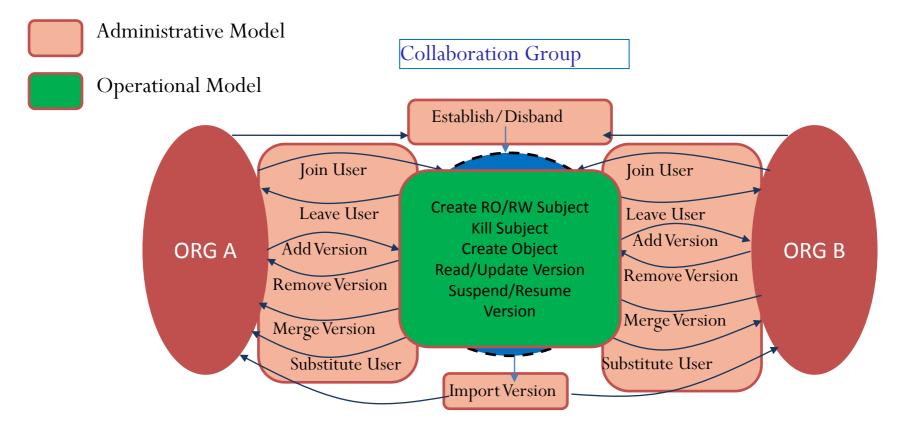




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- Social network and social computing security
- Integrated models for access control, compliance and forensics
- Smart grid security
- Malware models and analysis
- Botnet detection and mitigation