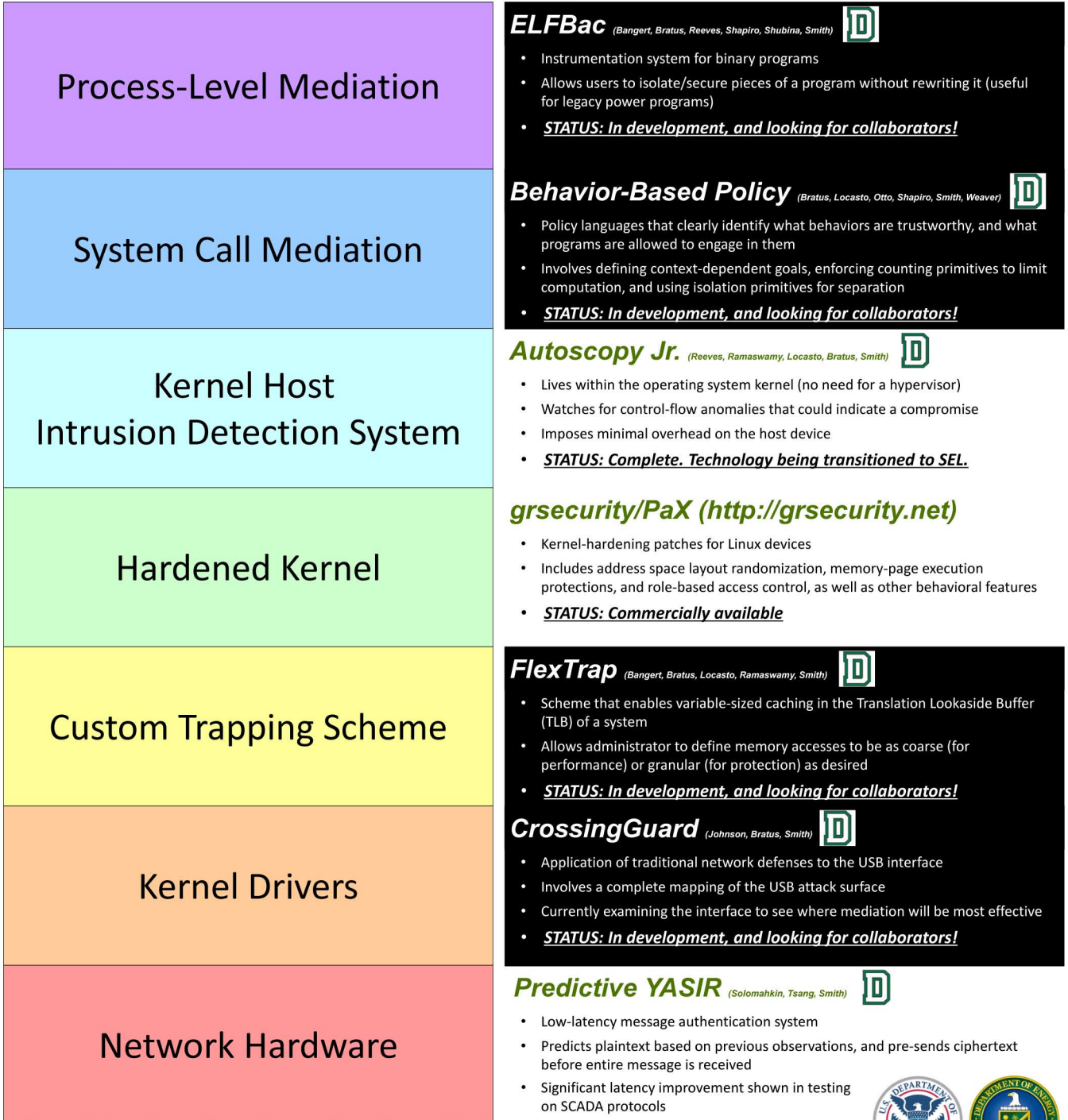


Today's Power Grid

- The power grid is a real-time system that requires a cyber infrastructure to control and maintain it.
- The grid presents a unique IT challenge, since devices in the grid are fairly static and expected to run for many years/decades.
- The rise of the "smart grid" (computational power plus network connectivity) has increased the grid's attack surface.
- Availability trumps all other security needs; any security solutions employed on a grid device cannot interfere with the device's primary function.
- *How do we maintain the trustworthiness of devices inside the power grid without affecting their functionality?*
 - Our idea: Build flexible, lightweight security systems that can operate at many different levels inside the device.

The Stack of Trust: A Multi-Layered Protection Strategy



NOTE:  indicates a project developed at Dartmouth. grsecurity is © Open Source Security, Inc., 2011.

