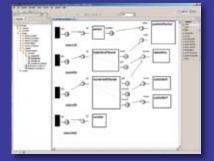
ARTERRIKIT

PREDICIABILITY BY CONSTRUCTION

Constructive Features

- Design language (UML statecharts + component wiring)
- Code generation
- Execution environment
 - Pin component technology
 - RTOS real-time extensions
- Measurement tools
 - Performance
 - Memory use



Analytic Features

- Performance
 - Worst-case latency
- Average-case latency
- Sporadic-server latency
- Behavior
 - Based on software model checking
- Proof generation on success
- Security
 - Buffer overflow detection
- Memory consumption

The PACC* Starter Kit is an integrated set of tools that demonstrates how technologies can be combined to deliver objective confidence in predictions of system behavior.

