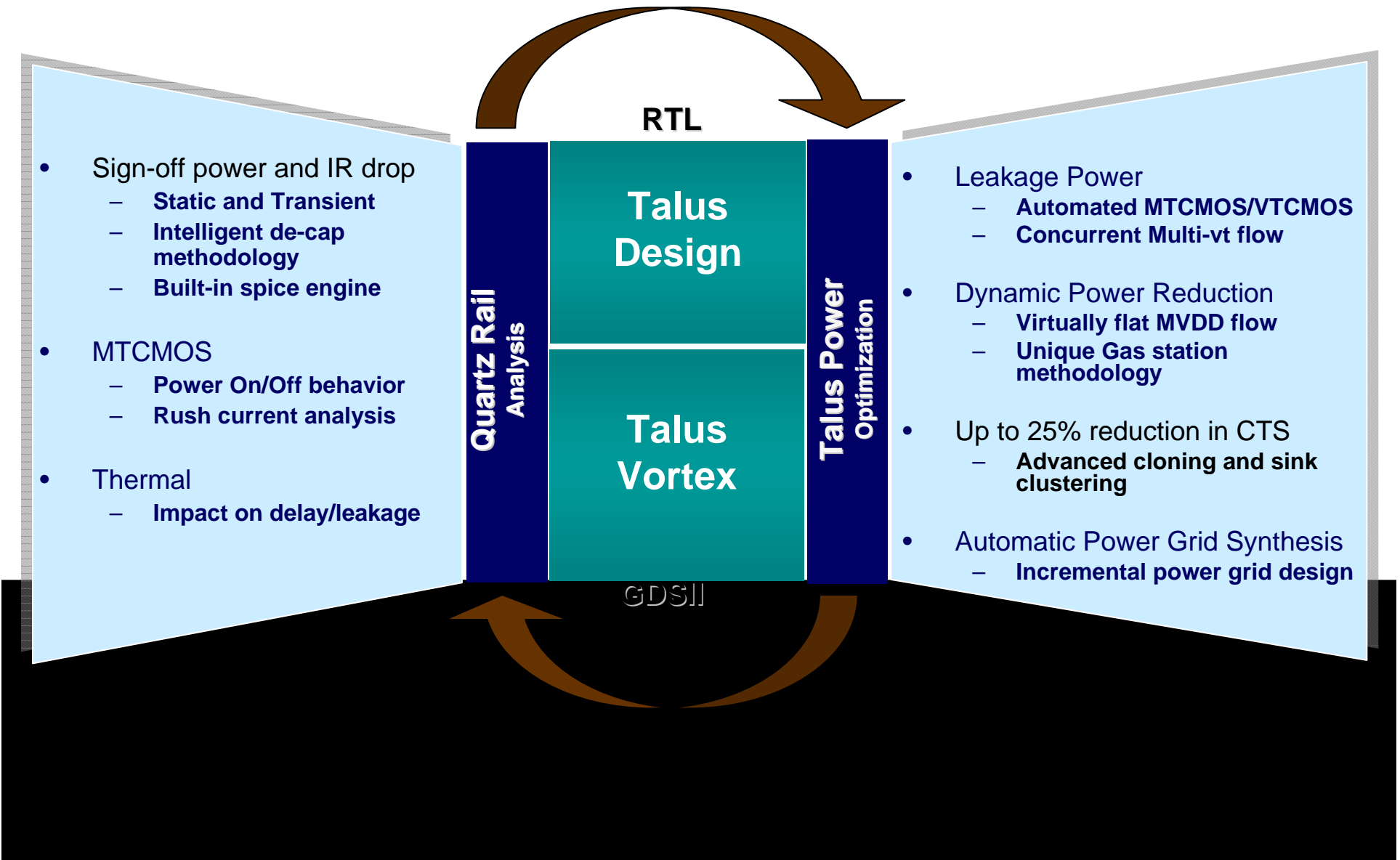


Total Power Optimization RTL to GDSII

Integration, Innovation, Automation!

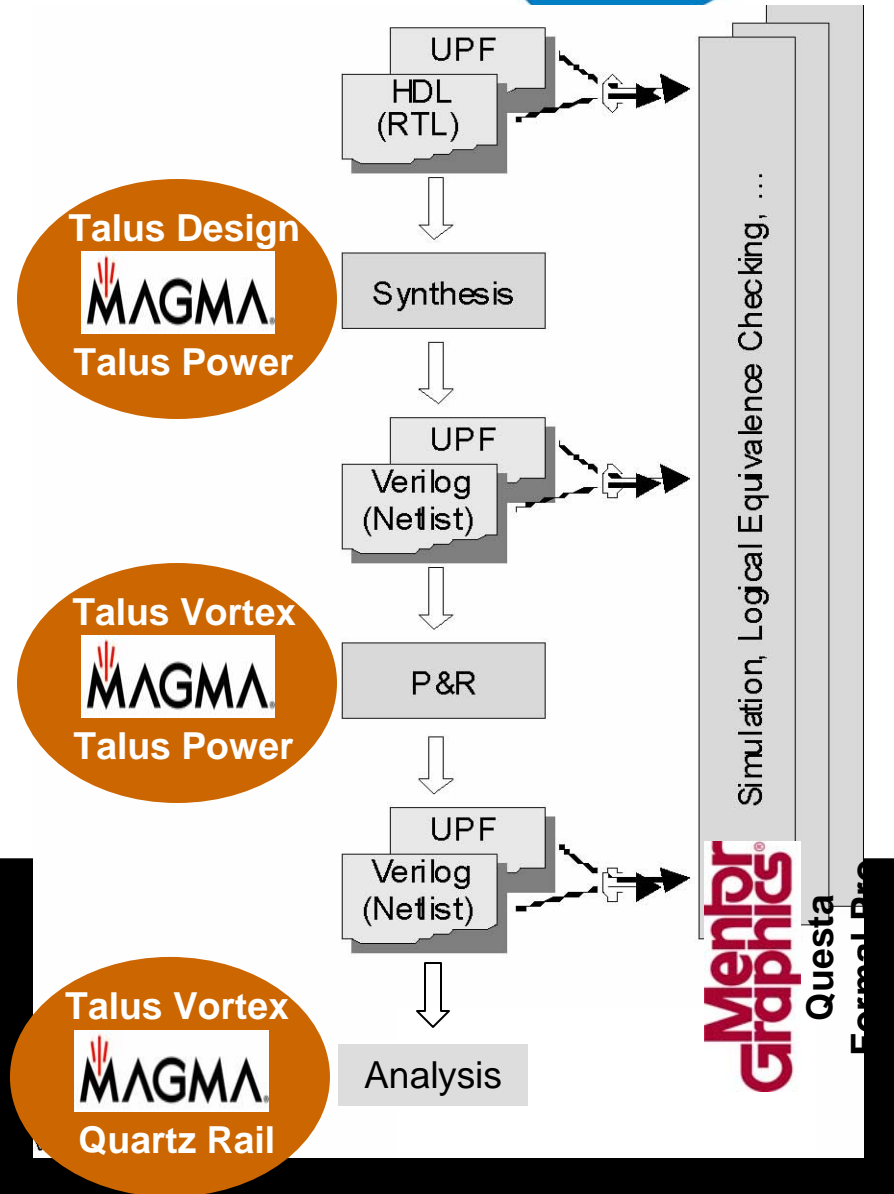


UPF Support in Magma



- Ability to allow the specification of implementation-relevant power information early in the design process
- UPF provides a consistent format to specify power-aware design information
- UPF also defines consistent semantics across verification and implementation
 - `create_power_domain`
 - `create_supply_port`
 - `create_supply_net`

Sample UPF
Commands for
MVDD flow



Comprehensive Power Management Solution



- Advanced power management techniques from RTL-to-GDSII
- Unique architecture - Single executable, Unique data model
- Embedded analysis - enables concurrent power, timing, area tradeoffs

