

P1800 PAR meeting

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Some Statistics

- **BC/EC Technical committees have been frozen since December 15, 2007**
- **472 Mantis issues “fixed” in 1800-2009**
 - Starting from the first merged draft
- **Open Mantis issues have grown to 986**

Vendors and Users need time to catch their breath

- Much of 1800-2009 has yet to be implemented
- Some of 1800-2005 has yet to be implemented in any simulator
 - Operator overloading
 - Pattern matching
 - Corner cases
- Even more of 1800-2005 not consistently implemented in all simulators
- Ambiguities and inconsistencies in what is implemented

Users are not using what is implemented

- Corporate coding guidelines restrict users to what is consistently implemented in all simulators
- Users are getting into trouble using non-compliant features and don't know it until they need to support multiple vendor environments
- Our customers demand interoperability
- Too many features to keep up

Problems with PAR Process

- 5 years to wait for a new revision of an active standard is too long
- Current standard does not reflect actual implementations
 - divergences have been introduced in those 5 years that have yet to be addressed
 - Proprietary enhancements have been introduced to fill the gaps
- Mantis system has become a block hole

Proposed PAR

- **2-year PAR P1800-2012**
- **Charter would be to address errata and ambiguities that drive convergence in implementations**
- **No enhancements without explicit prior WG approval**
 - **Several enhancements do have widespread support**
- **Classification of errata/enhancement would still be up to the technical committee**

Other Options

- **Split VPI/DPI into “dot” standards**
 - More efficient project management
- **Create Study Groups for longer term enhancements**
 - Work in parallel at the required pace