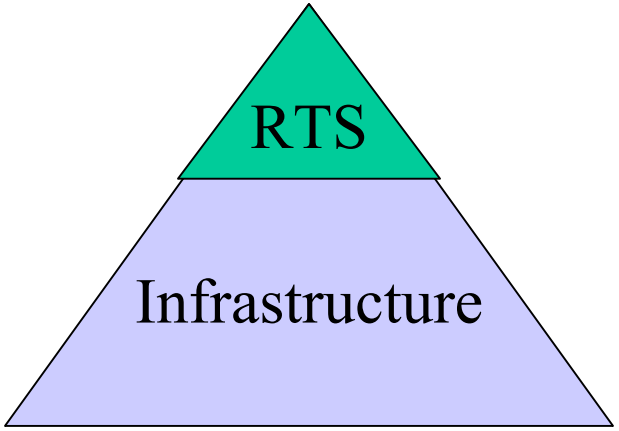
SMD2 Project Overview

Business Issues Committee Meeting
May 7, 2003
Agenda # 13

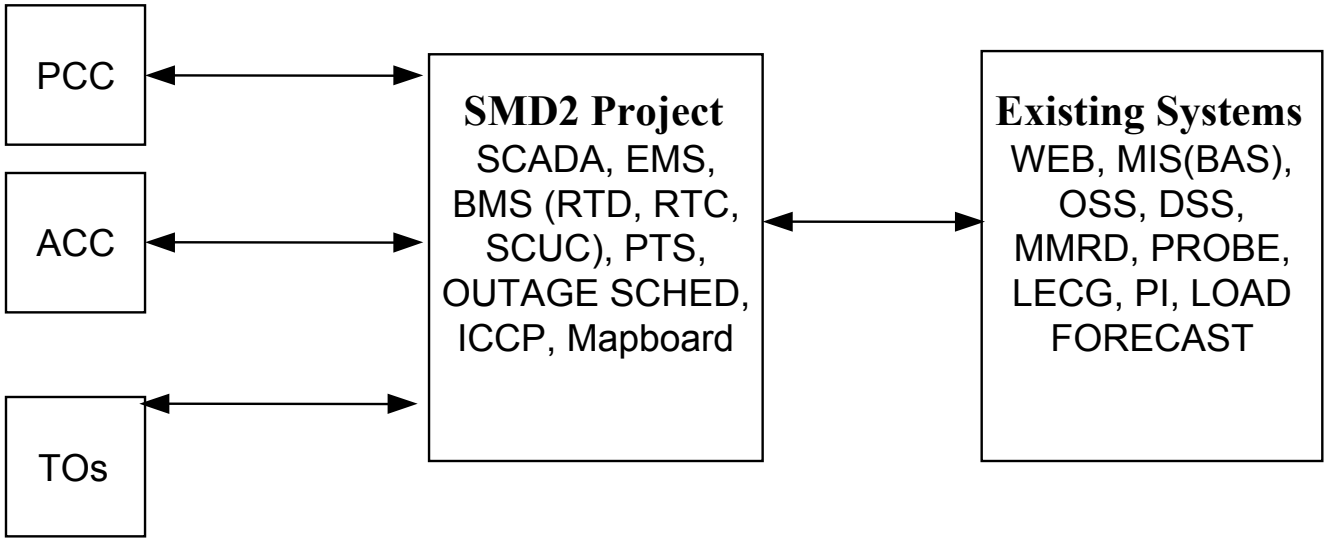
By: Dick Mills/NYISO

100,000 Foot Level

- Approved by MC 8/2/02
- Implement RTS.
- Become FERC SMD compliant.
- Replace the Real time infrastructure
- Comply with modern security, audit ability, testability, …



50,000 Foot Level

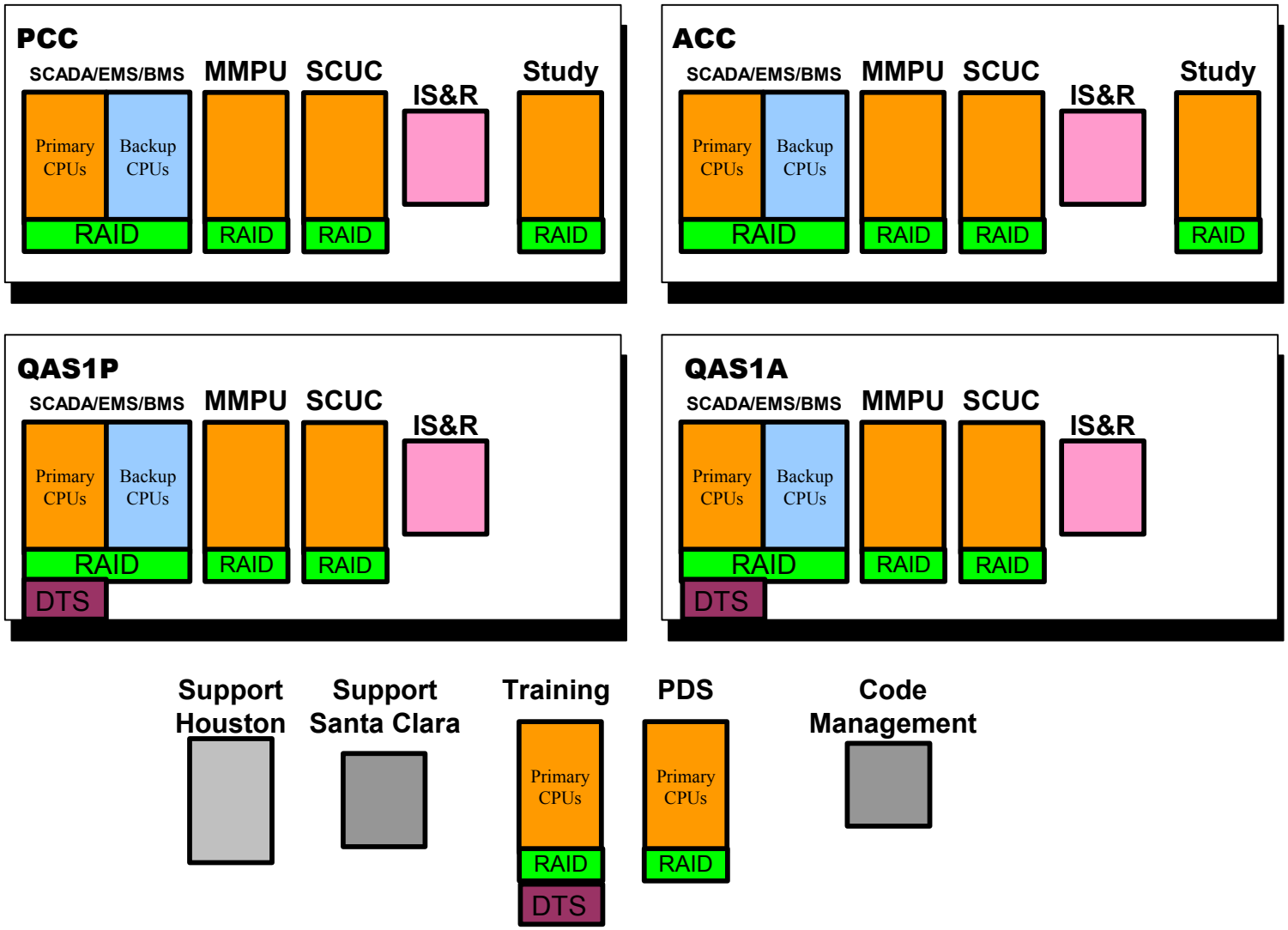


Why Are We Doing This?

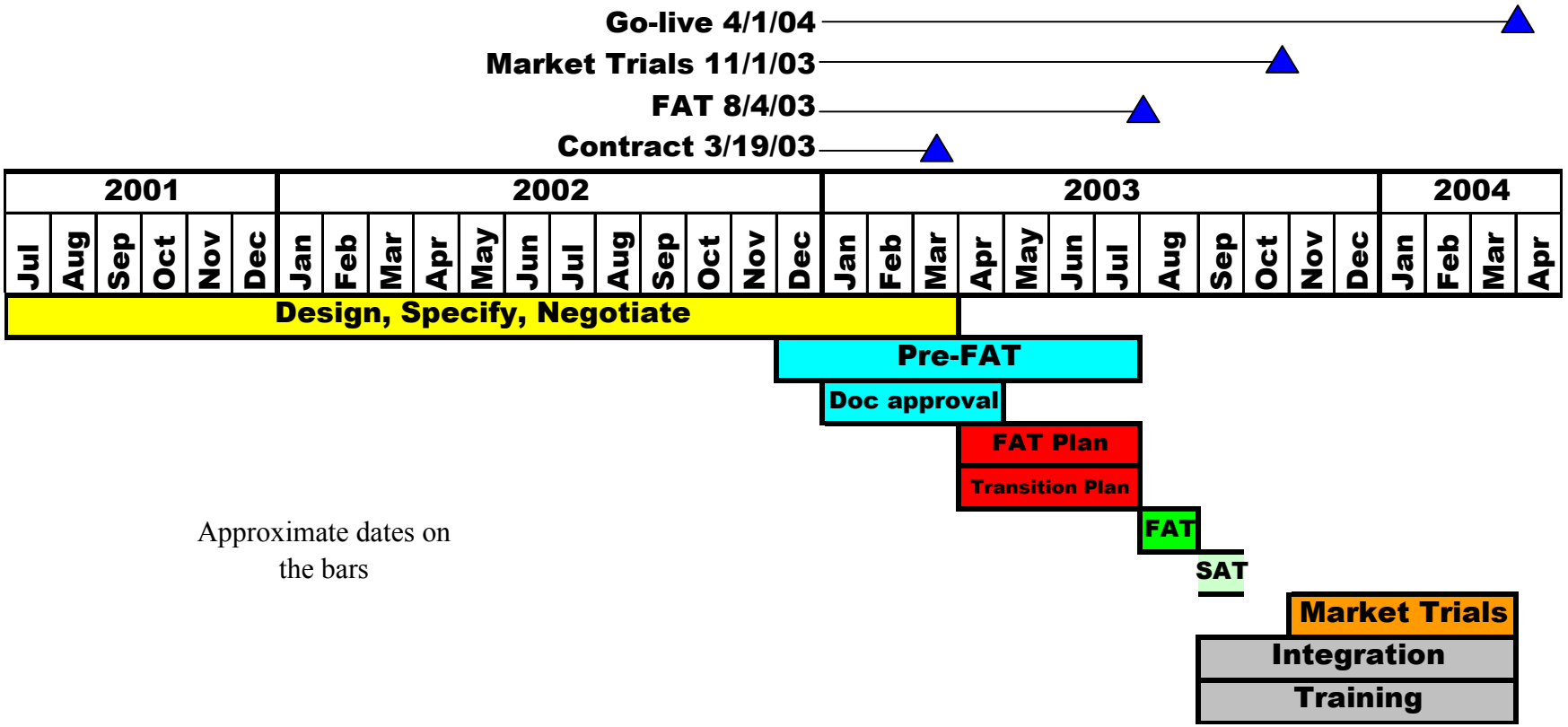
- Go back and review Robb Pikes 8/2/02 presentation to MC. SMD2 delivers real benefits and rapid payback.

SMD2 Hardware

Caveats: Lots of details not shown. NON-SMD2 hardware not shown



The Schedule



Approximate dates on the bars

Salient Points

- **NYISO remains committed to 4/04 go-live**
- **Market Trials ramp commencing 11/1/03**
- **Trial go-live February 04**
- **Transition Plan 4/03-6/03, committee reviews by 7/03**
  - *Integration & commissioning SCADA/EMS/BMS*
  - *Market Trials*
  - *Operator Training*
  - *Information package & MP training & staff training*
  - *Testing ICCP data out with TOs*
  - *Tariff filings*
- **MP participation sought for Transition Plan**

Questions?

Acronyms SCADA/EMS/BMS?

- **SCADA** (supervisory control and data acquisition)
  - *Scan (input and output points)*
  - *Log (all data and alarms and oper. Actions)*
  - *Alarm*
  - *Display (interactive GUI)*
- **EMS** (energy management system)
  - ***State Estimator***
  - ***Security Analysis***
  - ***AGC***
  - ***Dispatch***
  - ***Network Apps (Power Flow, Contingency)***
- **BMS** (business management system)
  - SCUC, RTC, RTC-AMP, RTD, RTD-CAM
- **IS&R (PI, Oracle Information Storage & Retrieval)**