WBMM Device Model Requirements Brainstorm

1. the model can be *extended* to support new capabilities and functionality
2. the model must be *scalable* to support a wide range of printing and imaging devices
3. the model can support hybrid devices
4. the model can support services that represent the device and its capabilities
5. the model can support both the reading and writing of data
6. the model can represent more complex structures, relationships, and operations than the simple attributes that SNMP can GET and SET, e.g., paper-handling, FW upgrade
7. the model can accommodate the remote installation and upgrade of device features
8. the model's structure should be based around how the information is consumed, not the physical structure of the device
9. the model ?will? support policies
10. the model will support events and errors
11. the model can be used for application interoperability, e.g., application to back-end web service
12. the model should be reasonable to implement on the device
13. the model should provide for dynamic consumption: it should allow for the inclusion of (optional?) information to be used by the consuming application, e.g., to support a new feature w/o having to rev the client
14. the model will contain "a reduced set of mandatory elements". (from the Minutes on 4/30/03)