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COMPLIANCE WITH TEETH

PROJECT CHARTER

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Compliance With Teeth

PROJECT BACKGROUND AND PURPOSE

Today, members who implement the PPDM data model spend a great deal of time and energy making individual decisions about core best practices for use of the data model. The opinion of many of these companies is that making a series of collective decisions about best practices would help accelerate their uptake of the data model, and ensure that different implementations of the data model can communicate with each other as easily and clearly as possible.

If successful, we expect that these rules will help operators to more easily share one PPDM data repository amongst multiple software application vendors and to exchange data with other PPDM repositories. Success will be measured based on the ability of participating implementations to use the data in a compliant PPDM implementation “out of the box”.

HIGH LEVEL GOALS AND OBJECTIVES

The project goal is to arrive at a set of measurable guidelines and best practices that will allow operators to share one PPDM data repository amongst multiple software vendors. This will be a long term project, with an anticipated timeline approximately four (4) years in duration, two (2) years to design and develop the process and recommendations, two (2) years for adoption. At a high level, in order to complete this project, we must:

1. Establish some guidelines about how to implement the data model
2. Deliver products and materials that are useful, practical and workable.
3. Deliver guidelines that can be independently audited for conformance so that compliance can be measured and reported objectively
4. Create use case recommendations

ASSUMPTIONS

- SME resources will be available to complete the deliverables
- Workgroup schedule and activities are sensitive to time zone
- Considerations for the ongoing audit and management once the initial deliverables are created.
- Training will be necessary to help developers consistently apply the principles

CONSTRAINTS

- What is the impact to the vendors – what is the cost to change? Can they afford to/not to change?
- Companies may be reluctant to contribute IP into public domain

- Value of change needs to be clear to the developer and their customers
- Timeline considerations – ensuring that the community can maintain pace with the standard from implementation (product of work)

SCOPE

This project will focus only on the most important best practices that are needed to achieve the main goals. Additional projects may be recommended once this is complete.

IN SCOPE

- Use of PPDM standard columns
- Creation and management of constraints
- Where urgent, lists of reference values (to be strictly limited)
- Other recommendations as appropriate

OUT OF SCOPE

- Integration with or rules about other data models, particularly those that are not PPDM IP
- Rules about how to use every column or constraint in the model (limited to main needs only)

DELIVERABLES

KEY DELIVERABLES

SPECIFIC RECOMMENDATIONS

Reference Implementation	A populated reference implementation; a database that demonstrates compliance with the recommended procedures
Mandatory Rules	A set of rules about how tables and columns must be populated. A set of rules about how data must be loaded A set of rules about how constraints should be created and managed
Reference Data	Standard sets of reference values where applicable (note that these lists may be promoted as recommendations for a new workgroup).
Best Practices	Documented lists of minimum attributes that must be populated in key tables.
Data Model Revisions	Could identify columns or tables for deprecation Could add columns or tables May include some standard relational views in the release
Automated Measure of Compliance	Define a method for measuring conformance to the rules and best practices.

	Identify rules or best practices that cannot be measured and are not included in the compliance measure.
Certification Marks for read/write compliance	It is expected that existing certification marks will be used. The expense of creating and registering new marks is prohibitive.
User / administrators guide	Guides, examples and use cases intended to help users implement PPDM appropriately
Communications plan	This will be developed in conjunction with the communications team at PPDM

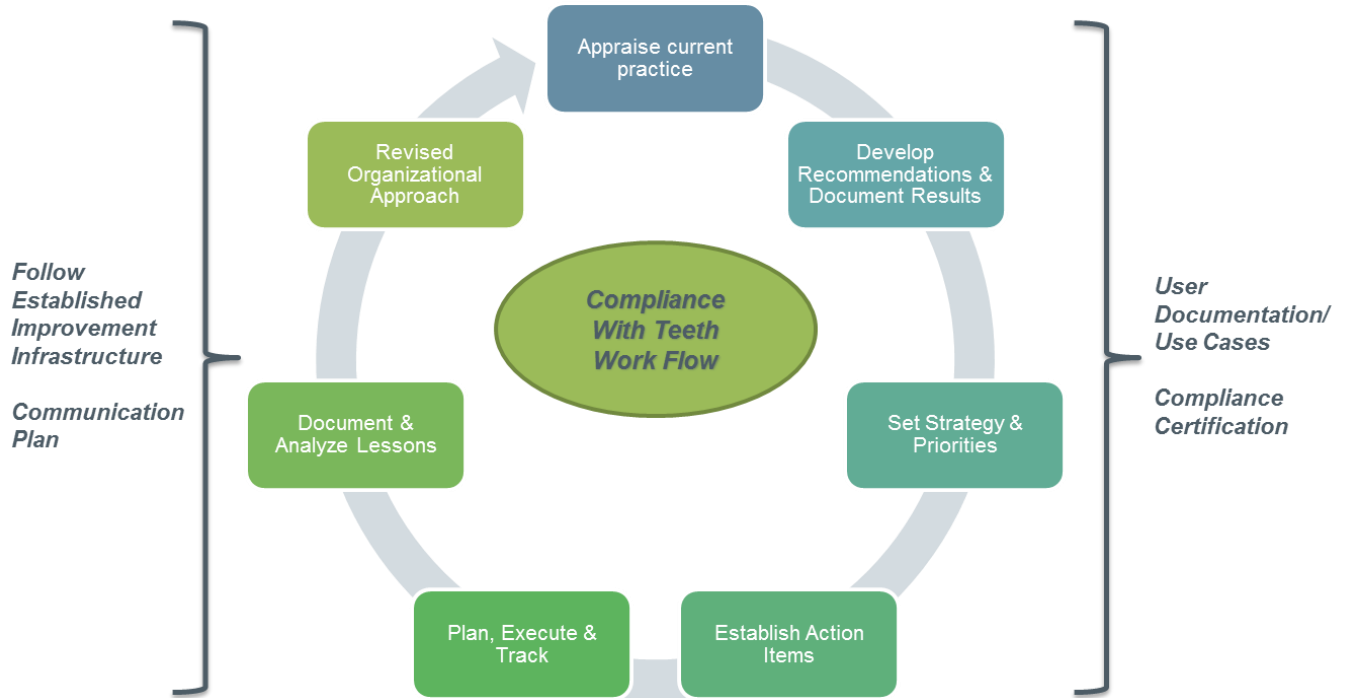
RISKS AND ISSUES MANAGEMENT

This section will be completed by the workgroup, initial risks listed below:

Date recorded	Risk description	Probability	Impact	Mitigation plan
	Volunteer time	High	High	Scale plan to capabilities, ensure PPDM staff carry logistical burden
	Funding deficiency	High	Medium	Data model is grandfathered and supported mainly through memberships. Reduction in revenue will impact the pace of work.

IMPLEMENTATION APPROACH

This project will be manage with an iterative and incremental method to review the different subject areas in the PPDM Data Model. This will be highly interactive and require participation from input from both operator and vendor subject matter experts.



HIGH LEVEL TIMELINE/ SCHEDULE

This work is expected to span many years, and to be completed at the pace industry is able to support. Time lines will be set by the work group when they meet.