

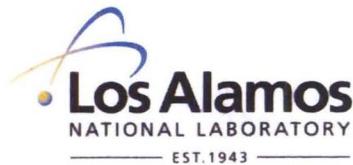
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MDMC Member Update: Los Alamos National Laboratory

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**Abstract**

An update on material and model information management efforts at LANL is presented. Both current status and issues are included.

Keywords: materials, models, data

## Status

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- Both metals/ceramics and polymers/foams/composites databases on same servers now (unclassified and classified)
  - Do we merge into one database? **GRRappler would help with this!**
- Perpetual license for MI (finally)!
- General structure for analysis purpose well along
  - Properties table for 1st order thermophysical properties, mostly range data
  - Models tables by type of materials/relevant models
    - Elastomers/elastomeric foams
    - Plastic-bonded explosives
    - Metals
    - Ceramics
    - Crushable foams
    - Etc.
  - Additional test data tables and pedigree table

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Los Alamos National Laboratory

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Jeff Hylok, W-13, TSM  
(ADC) 

## Issues

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- Initial quality rating by system (can be over-ruled by admin or highlighted because of anomalies by software) This currently involves a lot of time to review each record upon entry/release. Initial quality ratings that flag anomalies or extreme value quality scores would help in this process.
- Updating from one server to another
- Chasing pedigree for older data-points to workflow requirements for importing data
- GRRappler?