These slides show

- the main elements of an MES investigation matrix, and
- how building blocks created from original incident source data are organized to support development of an explanatory description of the incident process.





Tool bar shortcuts have hints to describe their functions. Main features are templates for creating building blocks from source data, auto-sequencing BBs, provisions for adding notes and tabs, and inspecting/editing BBs.



The Time Bar is the time coordinate for sequencing BBs are they become available for placement on the matrix. User sets level of detail displayed.

ACTOR COLUMN User-ordered list of actor rows for EBs







The event building blocks are arrayed on their actor coordinate along the Time Bar as they become available.









# **Initiation of MES Matrix**



## **Building a Matrix**

- Apply logic
- Add new EBs
- Add links
- Expose uncertain data
- Point to more EBs needed



## Adding more EBs



- For Quality Assurance, confirm
- EB content
- Valid sequencing
- Necessary and Sufficient links and inputs to each EB
- Gaps filled or explainable