

# Tips and Tricks

Handling Late Data

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Ryan Coetzee

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- ▶ Late data – Optimization (how can we do it better?)

# Why are we waiting?

- ▶ Process of measurement does not always happen in sequence
  - A substance arrives at a smelter
  - Some assumptions are made about moisture content, wet mass, dry mass, etc
  - Later on (undefined time) , the ACTUAL values may or may not replace the estimates
  - Further on in time, these values may or may not be “fiddled” again to make numbers work better on reports



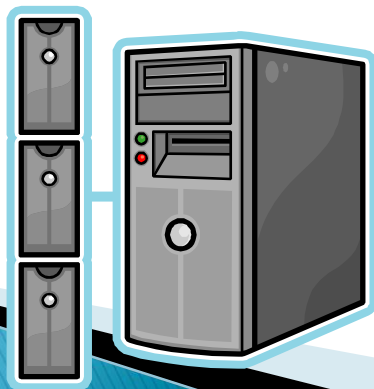


# Case Study – Union Smelter



Precious Metal Accounting

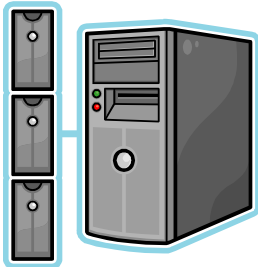
DM  
WM  
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RH



# How The Solution Works



Precious Metal Accounting



Get all events that happened within the last 30 days



Listener



IDX\_USML

Write to configured streams tags

OSISoft PI Historian





# Questions?

