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Meta-Models for the CIO



I have finally decided that I am simply incapable of getting past the ‘gatekeepers’ in order to speak to CEO and CIOs, so this is my last ditched effort to put my case to them and hope that some of them will take the time to read what I have to say and not go rushing back to their ‘gatekeepers’ for confirmation of my facts.

As CEOs have a sales background they are more interested in the profitability of the enterprise and the 2 most important key performance indicators (KPIs) that are foremost in their minds are the EBITDA and ROI. CEOs depend on their CFOs for this but seem to forget that to produce these figures they need their CIOs

CIOs on the other hand have (or rather should have) a technology background and the most important KPIs are (or should be) Meta-models, Hardware-up-time and Software-Project-success-rates.

The CIO really has to have a general understanding of Meta-Models in order to begin to satisfy the demands for ‘data’ from every stakeholder in the enterprise.

Meta-Models are easy to describe if and only if you know how many you need. To start off with there are only 3 and they are ‘Information’, ‘Objectives’ and ‘Knowledge’.

Each of these Meta-Models has a formula, which are:

The three Meta-Model formulae

$$Inf = \sum_{n=1}^{\infty} \{O + K + P_o + F + Pr\}$$

$$O = \sum_{n=1}^{32} G + \sum_{n=1}^{\infty} I$$

$$K = \sum_{n=1}^6 PFE \left\{ \sum_{n=1}^{\infty} SE \right\} + \sum_{n=1}^8 IFE \left\{ \sum_{n=1}^{\infty} SE \right\} + \sum_{n=1}^5 IFE \left\{ \sum_{n=1}^{\infty} SE \right\} + \sum_{n=1}^4 CFE \left\{ \sum_{n=1}^{\infty} SE \right\} + \sum_{n=1}^{\infty} R$$

I appreciate that I have used many symbols to state the formulae of the 3 Meta-Models, but I can easily explain all 3. All it takes is a CIO and/or their ‘gatekeeper’ with a non-closed mind to look at my body of work and specifically at my presentation [on the anatomy of information](#). I explain all the symbols and where each Meta-model fits in the scheme of ‘things’.

The legacy system time ‘e-bomb’ is ticking and these Meta-Models can defuse them.

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