



**IoT-Mfg**

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# The Future of IIoT

## “Dogs and Cats Living Together - Mass Hysteria”: Bill Murray, Ghostbusters

There is no disagreement that IIoT promises returns and changes to manufacturing that are real. The debate is how these inter-connections can take place.

### The “Old School” Approach

Every LinkedIn post we have seen lately speaks to the IIoT impact and change to manufacturing, but they still show the same automation pyramid from 20+ years ago or the stratified layers from sensors to ERP. This approach fails to reflect that IIoT now allows any device to talk directly to any level, for any reason, at any time!

Take the simple application of Environmental reporting. In the past, two factors were in consideration. The location of the asset and how each facility thought it needed to track the information. Sometimes that was in a spreadsheet, on a piece of paper or in a data base. Corporate usually did not have eyes on the data or how the collection took place.

### Dogs and Cats Living Together

Now information can be tracked from the device to the local PI system, a database, the MES system, or even directly to the Corporate Cloud reporting system. Or all of them. IIoT now allows Corporate to see and validate the data and the local facility to have access so that they can react to it if necessary. Dogs and cats can now live together in harmony. IIoT allows this to happen. No need to have data flow one way, to one tier, or only go to the cloud.

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