

Questions that were not answered on the call.

7/1/20

AJH = Allan Haughton's response

- IMHO “long-lived” is a misnomer based on prior methods and apparatus for O/T devices; part of the transformation is applying I/T to O/T; do you see EdgeX Foundry in that role?

AJH > yes, I see EdgeX as part of the digital transformation/integration of IT technology into the OT space.

- Where is the complex-event-processor or is that relegated to a “Supporting Service”?

AJH> the CEP in our adaptation of EdgeX is part of our data processing pipeline implementation, so is within the ‘supporting Services’ layer. This is what we have chosen to do because it enables us to integrate the CEP as part of our analytics/data pipeline. The CEP does not have to be here, it is what we have chosen to do.

- Do you perform “long-tail” analysis (i.e. historical priors) in the cloud and promulgate back to the edge or is that left to the reader?

AJH> This is use case dependent. As we run models over a prolonged period of time, we will gather information about the accuracy of the models based on the quality of data received from the IOT domain. Models can be re-trained by the data scientists based on this data, but the re-training happens in the cloud, and the updated models are put into our config control system downloaded to the appropriate gateways.

- WRT privacy, I am more concerned about business data for commercial purposes. For example: differential privacy, federated learning, ... Is that an AIP concern too?

AJH> Yes privacy is a major concern. We have a Data Privacy team that ensures that the collection, processing, storage and deletion of data for each engagement complies with the privacy regulations for each geography where a solution will be deployed.

- Love that Thunderbirds reference! Thunderbirds; it's on again; funded by the South Park guys.

AJH > good to know that my Thunderbird 2 reference was appreciated.