

RetroActivity: The Industry 4.0 comics Episode 3: Medical device assembly and Kit Packing

Factory in Cleveland, OH where medical devices get assembled and packed in kits is facing severe quality and takt time challenges.

Gary is the Director of Smart Factory for a number of facilities.

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Tyler is the Lead Quality Engineer overseeing manufacture of small cameras that go into the human body to capture images. These are single-use devices that cost 1000s of dollars.

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Tyler, we are losing a lot of money on this line. Almost 30 % of our units are coming out defective and need to be scrapped!

Gary, our key problem is temporary associates. Hiring market is so competitive that even we can't get full-time employees, whereas temporary associates just don't pay enough attention.

> The problem is exacerbated by the fact that we are building multiple variations of product on the same line!

I was just on a Gemba walk and realized that some of the operators are not following standard process sequence. We are in a heavily regulated industry, and this can lead to a lot of trouble for us.

Even the CFO is worried!

How about we deploy an









Three months later...fully deployed Retrocausal implementation on 40 stations!





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