



Leveraging **Power Systems** to know more

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When is a **Camera** not just a **Camera**?

When a camera is a **sensor** used to gather **data** in a way that allows us to **manipulate** that data to gain meaningful **insight** into the **environment** it is placed.



How our **Story** Started

- It all started at the outset of the Pandemic when we all came together to create something to help the economy open up.
- All connected in one way or another by IBM and wanted to make the world a better place by using what we know and creating some thing unique and focused on the future, not just the here and now!

COVID was the main goal but the **potential** was what drove us **forward**

Our early discussions were around helping companies protect staff whilst beginning to trade again.

By using IBM's IVA Platform to look for mask detection and social distancing, to using Visual Insights to look for additional COVID related data and using this on an IBM Power system.

But our mindset and ambition was focused on creating value beyond the virus that was doing so much damage.....



What if.....?

Then the questions kept coming....

Can you tell me if my stock has any imperfections before it leaves my facility?

My staff don't follow our Health & Safety Rules, how can I improve our compliance?

Is there a way to streamline my production processes?

What if you could tell me where stock gets held up?

My losses are way above what has been budgeted, how can we reduce this?

Building the **Solution**

So although the 'idea' was born from COVID, as we moved into May and June the disease moved away from people's minds and made us re focus our efforts.

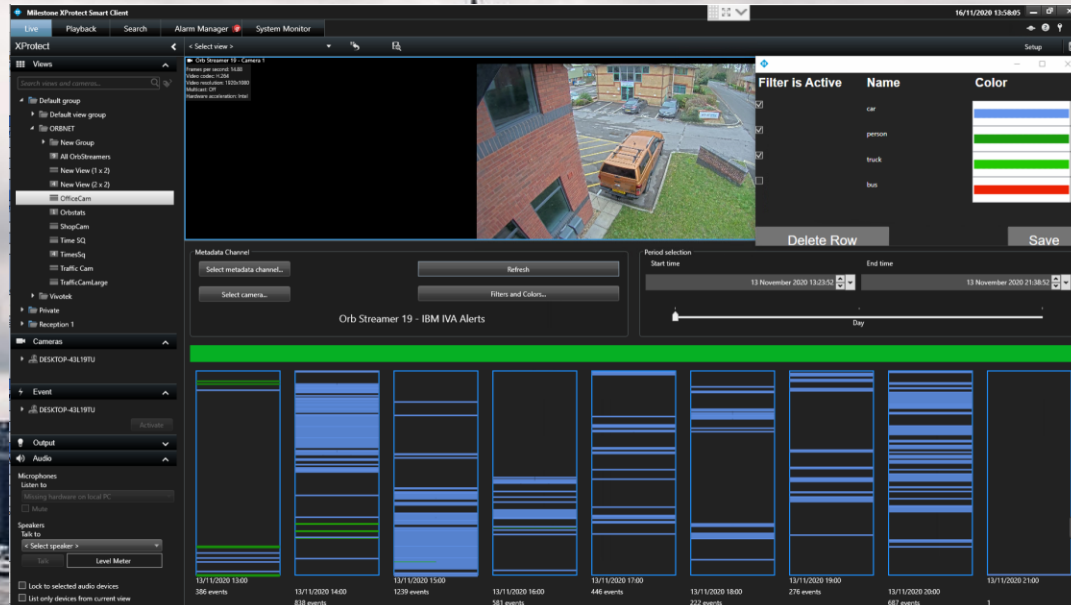
Instead of building something to help with COVID Deployments that could have future value to a business.... We did the opposite.

We took the questions we were being asked and started to build an analytic around the specific business situations.

Our group invested Time and Money into this and the Data Insights Team was born.

Building the Solution - continued

- Components requiring integration
- Technical insights around working with the COMETD
- Building an integration to a VMS





Driver Framework – Principle Scheme and System Architecture



Deep
Learning
Engine

Symantic
Streams
Engine

Metadata
Ingestion
Lookup and
Signalling



ORBNET
RTSP
Server

ORBNET
Driver

ORBNET
Metadata
Search



Milestone
Event
Server

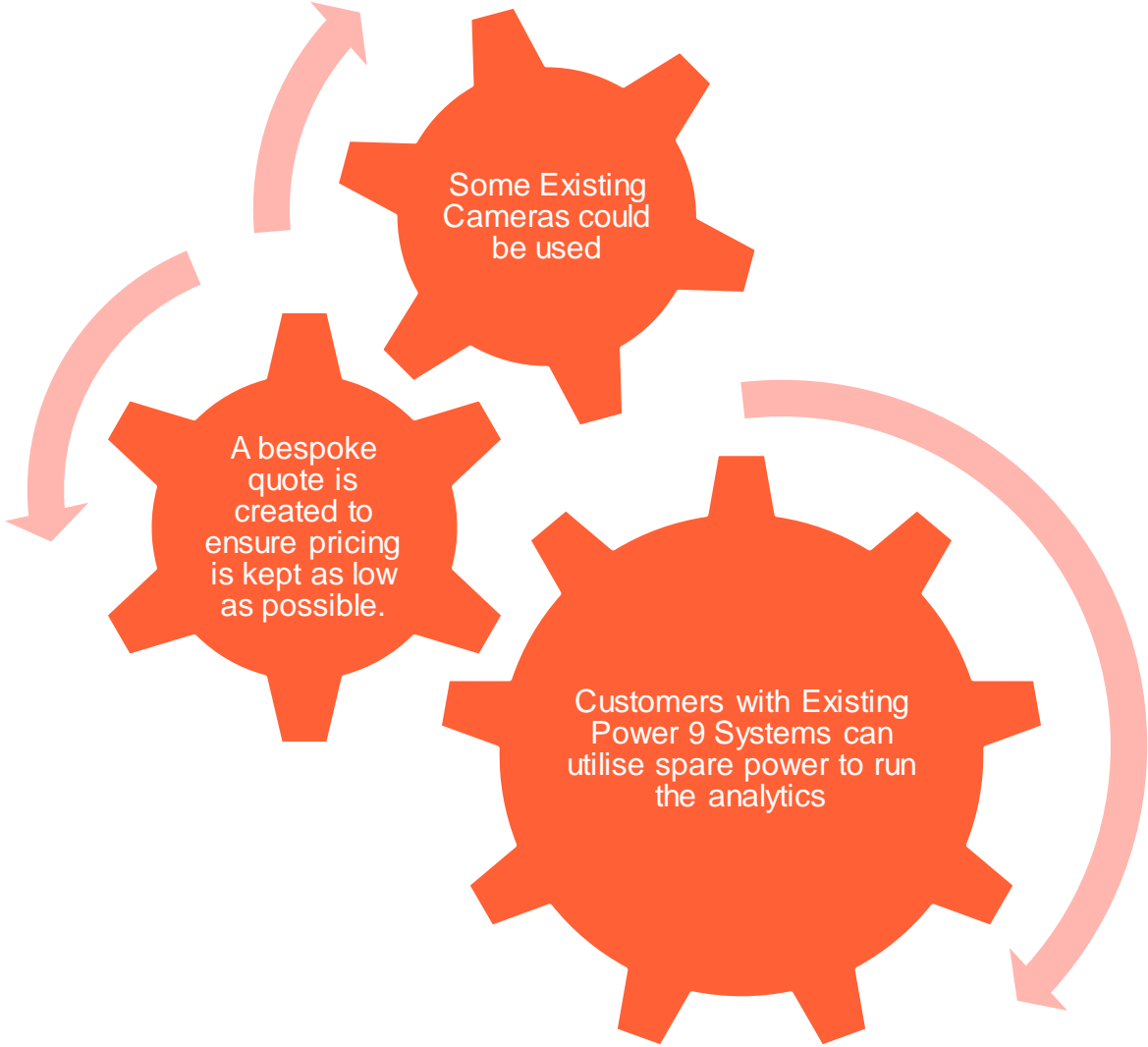
Milestone
Recording
Server

Milestone
Smart
Client

...and COVID is still relevant



All deliverable **within budget**



Thank you!

