

Parasyn appointed PTC Australian Partner

On the search for a unique partner that could deliver next generation IoT applications across the IIoT space, PTC selects and appoints Parasyn as an Australian ThingWorx Partner.



“A **key player** for product manufacturers in the connected world, commonly referred to as the Internet of Things (IoT)”



ThingWorx is in the **upper right quadrant**.



“PTC is moving quickly to own the IoT and to strongly channel it for customers to use in new and strategic ways.”



“PTC provides the vision, the technical resources, and the ongoing commitment to **win in this market.**”



The Internet of Things (IoT) Enablement Company of the Year for the Enterprise Market.

Choosing the right technology to “change the world with better systems” is not a lightweight decision. With all the hype of IIoT, IoT, loET how can someone like you tell what’s smoke and mirrors? Well written case studies and glowing reports of systems that have only been implemented for 5 minutes are hard to buy into. Sometimes it’s the credibility of “who” in the zoo that says, “you have to take a look at this”, that makes the difference. We have all probably seen software applications taken up like wildfire, not because it’s any better technically but for other reasons like “it’s the flavour of the month”, the marketing information promotes an outstanding ROI, the current system (implementation is broken) etc. Usually it’s the recommendation of a sister organisation or a creditable partner that provides referral authority. With this in mind, we hope our credibility is strong enough and what we have to say on this matter stacks up and invites you to learn more.

Why is this a game changer?

Before IIoT was coined, a less recent theme of Consultants, the authors of whitepapers and speakers at conferences was all about the merging OT and IT. This wasn’t fundamentally new either for practitioners because manufacturers who had embraced MES and were serious about enterprise integration of operational data were already doing it. This space wasn’t solely owned by Manufacturers either and some power companies braved the elements long enough to fully implement DMS. The principles of operational integration are truly sound. The costs have been prohibitive due to the business process re-engineering, re-defining core automation engineering and also the management costs. Technology is now allowing age old sound principles to finally hit the road running. The time for operations and the business to merge has arrived and this time with the promise of predictive analytics, artificial intelligence and significantly reduced engineering, maintenance and operational costs.

Concept

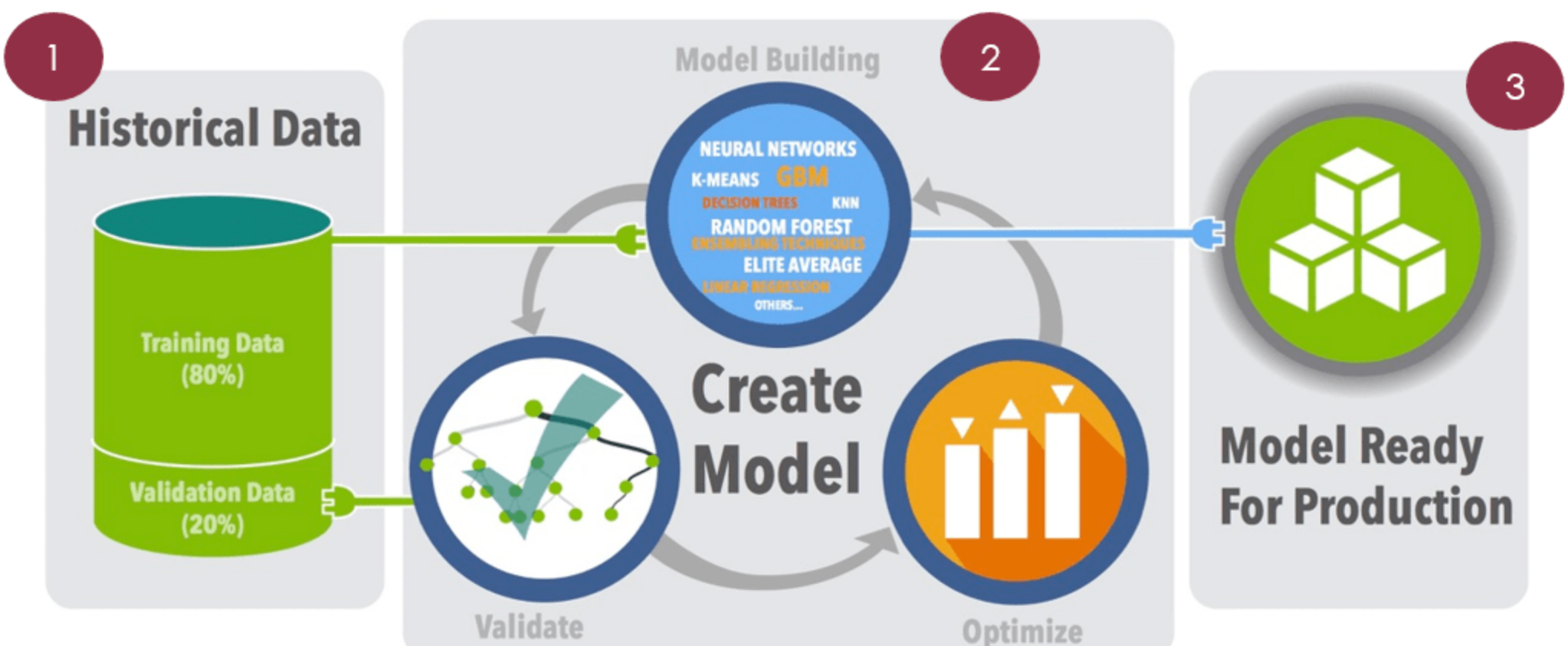
The core concept is this. With new technology, we can now deploy applications that span from the device in the field to the finance system. This single information model traverses the entire enterprise. It doesn’t have to go via 3 engineering disciplines to be congruent. With this bold new approach to manage an organisation’s assets, some new thinking may be required to manage the information assets differently, to maximise operational performance. Maybe we do not need to manage alarms and events the way we have done so in the past. Maybe with richer information sets and better context about the assets, we don’t have to have systems controllers and all their support staff to make empirical decisions sometimes delicately defended by PR. Some may say this is more like a revolution than a new challenge. To be more savvy, we settle for this being disruptive.

The Technology

The ThingWorx Technology Platform was built from the ground up for the Internet of Things. It contains the most complete set of integrated IoT-specific development tools and capabilities available, offering the industry’s deepest functional capabilities.

We cannot stress enough that this is not a rebranding and promotion of traditional automation software with some new enterprise interfaces. This is a new platform, a new thing, and it means a new outcome. Until you have seen your assets with full context, operating in real time, with predictive warnings, with maintenance and statistical data, viewed in a single portal of perspective, you haven’t begun to manage your assets efficiently or realise how you can re-task them to produce faster and at a lower cost.

BUILDING PREDICTION AND RECOMMENDATIONS - AUTOMATICALLY



Our confession is, we thought with highly organised SCADA, process historians and rich information reporting we had the best view of an assets performance. We were wrong. At the time, we were probably in a good place in terms of world standards and information maturity, but as Steven Covey once said, “Admission of ignorance is often the first step in our education”. It is time to move on, time to grow up. Time for a new school and to learn some new skills for this new world of operational excellence and complete business automation.