

SPEED OF CHANGE

S

pecific. Whereas a number of industrial robotics manufacturers make claims about ‘modular’ systems, what they are in fact referring to is correctly termed ‘configurability’ — a critical distinction. Configurable designs involve a same basic vehicle, with several payload options (a camera swapped out for a probe, etc.), much like a tractor hauling different trailers. True modular systems are more reminiscent of the Lego® or Meccano® assembly sets of our youth: one array of components is intentionally designed to support several specifically purposed systems. Like any modular building set, the potential applications are limitless — which is why there is also that entirely new system to be imagined, according to custom application requirements .

P

roprietary. Today, every system and component designed and manufactured by the company features Inuktun’s unique, proprietary IM3 technology. The ‘signature’ or stamp on original parts can be read as I’m Multi-Mission Modular, indicating that the robot or part is intended for adaptive use according to a range of circumstances or objectives.

E

conomical. Multi-Mission Modularity translates into significant time savings, cost efficiencies and risk mitigation for the customer and the end user. Reduced capital expenditures, minimization of downtime, reduced exposure to hazardous environments and environmental hazards — plug-and-play equipment saves dollars. Makes sense.

E

volving. IM3 Technology is additive. It’s about solving more new problems better, faster, cheaper — without going back to the drawing board every time. Why rebuild the foundation, or risk generating incompatibility, when prior engineering principles and design techniques have already proven themselves? No matter how much or how fast things change, IM3 keeps developing ahead of the curve.

D

ynamic. IM3 is more than a bug or a logo — it is a promise of technological advancement. Our vision is, one day soon, to see customers quickly and easily mixing, matching and (re)assembling their own industrial robotic inspection and tooling systems. Without the need for costly and time-consuming intervention by the manufacturer or distributor. Without specialized technical assistance or expertise. Without even breaking a sweat. We believe that day is coming, faster than you think...

