



OT Digital Transformation

Risks and Rewards



DIGITAL FUTURE

MOST LEGACY ANALOG OT WILL EVENTUALLY BE REPLACED

A close-up photograph of several strands of braided rope. The rope is primarily red with white sections woven into the pattern. The texture is highly detailed, showing the individual fibers and the tight weave. The background is slightly blurred, emphasizing the foreground strands.

OT, IT & JUST T

IT'S ALL JUST BLINKY LIGHTS



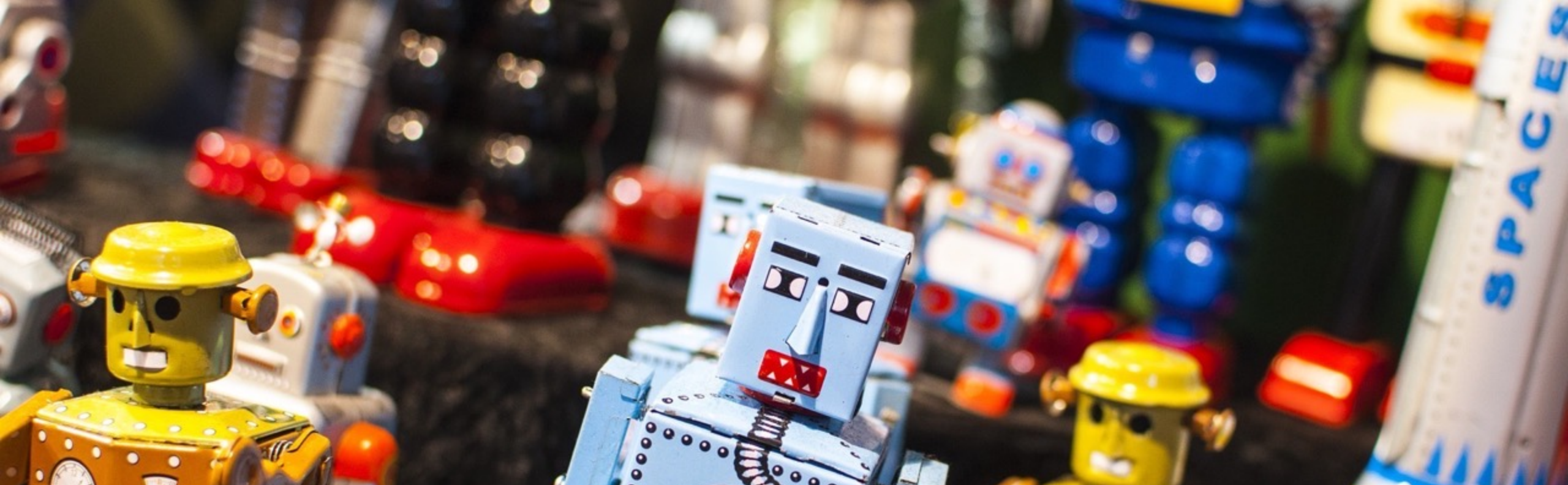
HYPERCONNECTED

SMART EVERYTHING WILL BE CONNECTED TO SMART EVERYTHING



HYPERINNOVATION

ACCELERATING DISRUPTION – INTENTIONAL & ACCIDENTAL



HYPERAUTOMATION

HOW FAR WILL WE AUTOMATE? AS FAR AS WE CAN.



OVERFLOW

WHAT HAPPENS WHEN EVERY DEVICE HAS A DATA STREAM?

EASY SELL

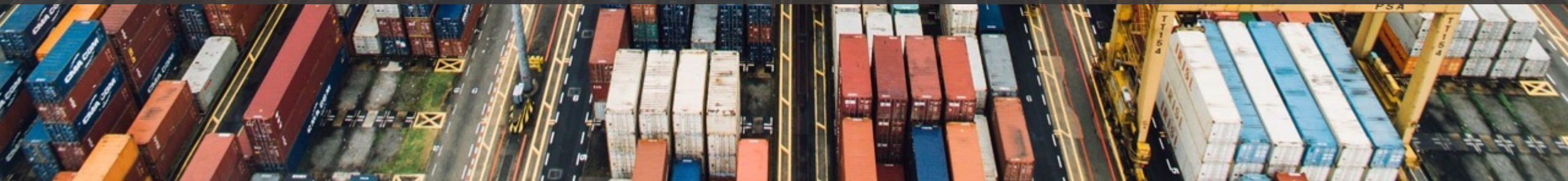
EFFICIENCIES THROUGH OPERATIONAL DATA ANALYSIS





INTELLIGENCE

SOMEONE ELSE CAN DO IT FASTER CHEAPER & BETTER THAN YOU





BEYOND EFFICIENCY

WHAT IF YOU COULD USE THAT OPERATIONAL DATA FOR OTHER THINGS?



PRIVACY PROBLEM

IS YOUR DATA WORTH CHEAPER (FREE) SERVICE?



TIPPING POINT

WHEN WILL REVENUE FROM DATA PRODUCTS TAKE THE LEAD?



PROVEN MODEL

IT HAS ALREADY BEEN DONE

A close-up photograph of a bicycle wheel with a black tire and spokes, mounted on a metal pole. A silver chain is wrapped around the pole and the wheel, secured with a blue padlock. The background is a blurred city street with people and buildings.

REGULATION

PRECEDENT, INNOVATION & PUBLIC BENEFIT



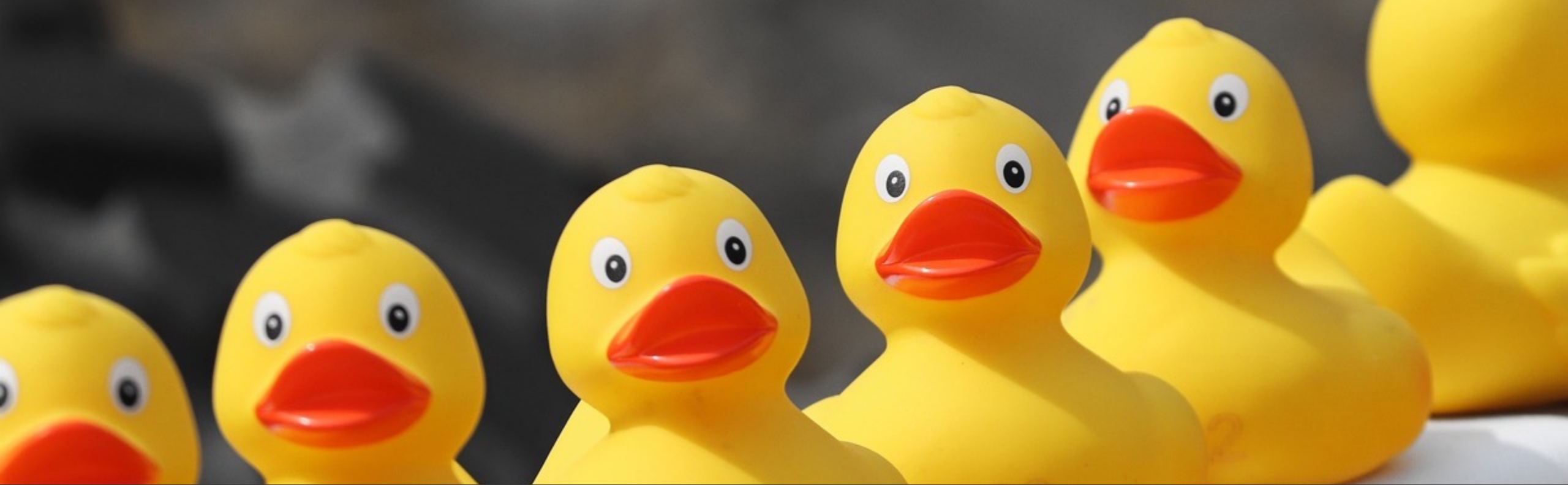
TRANSFORM

DATA IS NOW YOUR BUSINESS



HANDLE WITH CARE

DATA IS THE NEW URANIUM – HIGHLY VALUABLE/TOXIC



MOVING TARGETS

PROTECT THE PROCESS, THE PRODUCT & THE DATA PRODUCTS



BIGGER PICTURE

NEW DEPENDENCIES BETWEEN OT & IT (& CLOUD)

A low-angle, upward-looking photograph of the Space Shuttle Main Engines (SSMEs) on the External Tank and Solid Rocket Boosters. The engines are arranged in a cluster, with their large, red, circular nozzle exits pointing towards the viewer. The white metal structure of the engines and boosters is visible against a clear blue sky.

GRAB A JETPACK

INNOVATE AHEAD OF THE DISRUPTION

 @patrickcmiller@infosec.exchange

 @patrickcmiller

 linkedin.com/in/millerpatrickc

 pmiller@amperesec.com

 www.amperesec.com

 +15032721414

