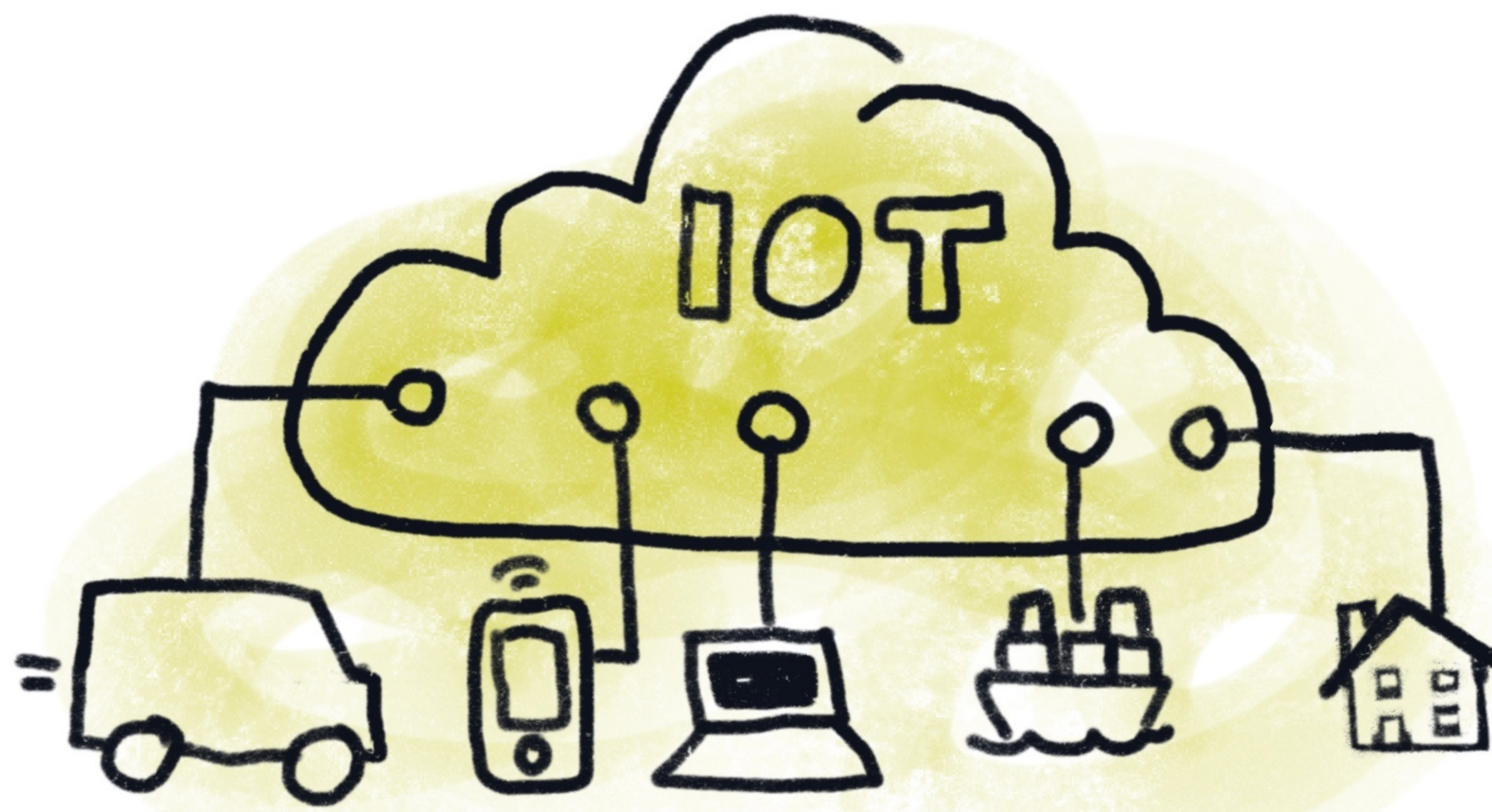


SECURING THE IOT SUPPLY CHAIN WITH DEVSECOPS

ANTONIO ESCALERA | DAN MORRISON



SECURE THE BUILD PROCESS - CREATE A PROVENANCE DOCUMENT



ADMISSION CONTROLLER



IMPACTFUL DSO APPROACHES/TECHNOLOGII THAT IOT MANUFACTURER CAN USE

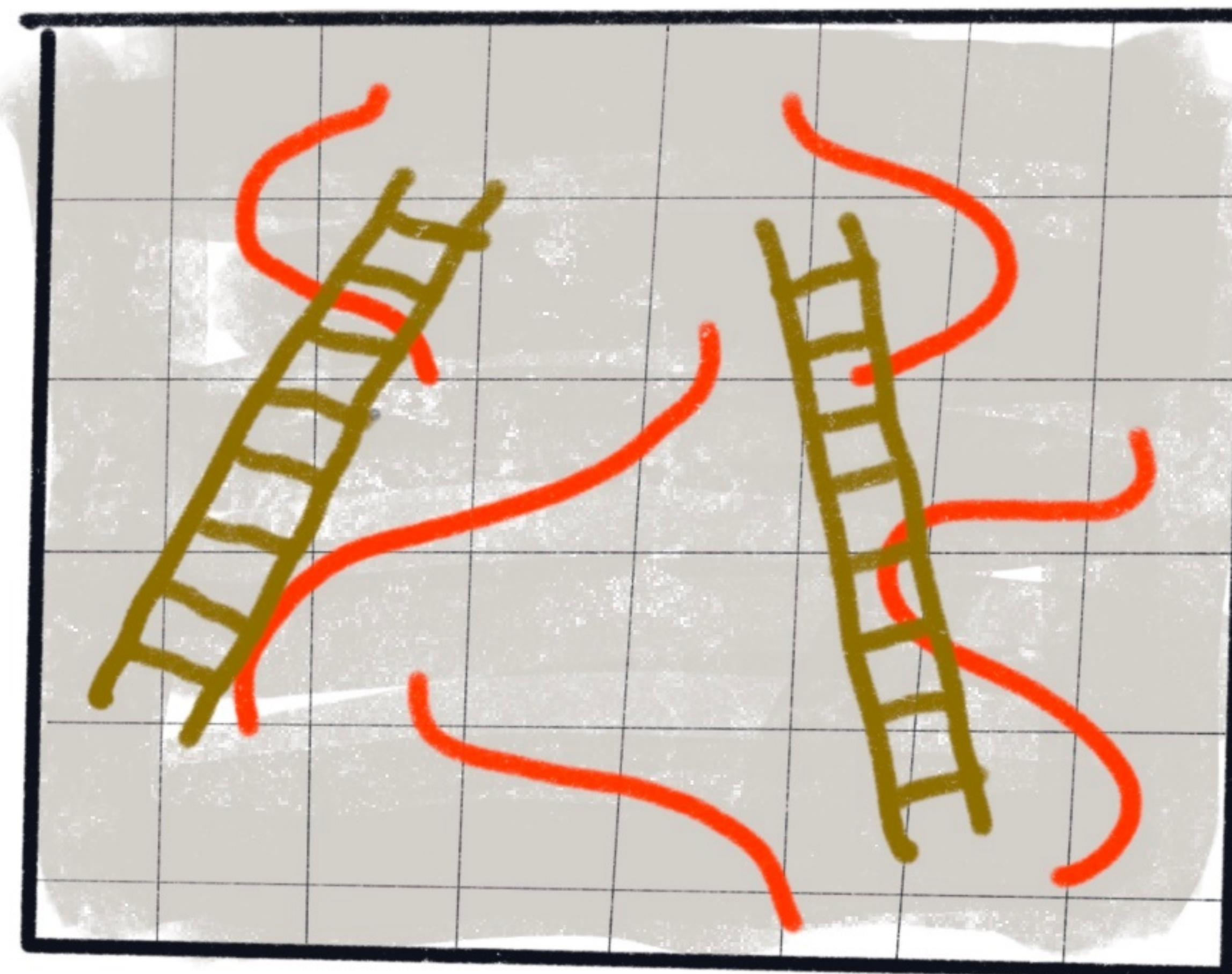


DEVELOP WITH SECURITY IN MIND



SECURE BOOT

NOT ALWAYS POSSIBLE TO HAVE ZERO CVEs



MONITOR TRAFFIC ON THE NETWORK TO ENSURE THERE ARE NO STRANGE NETWORK ROUTERS



TRUSTED EXECUTION ENVIRONMENT



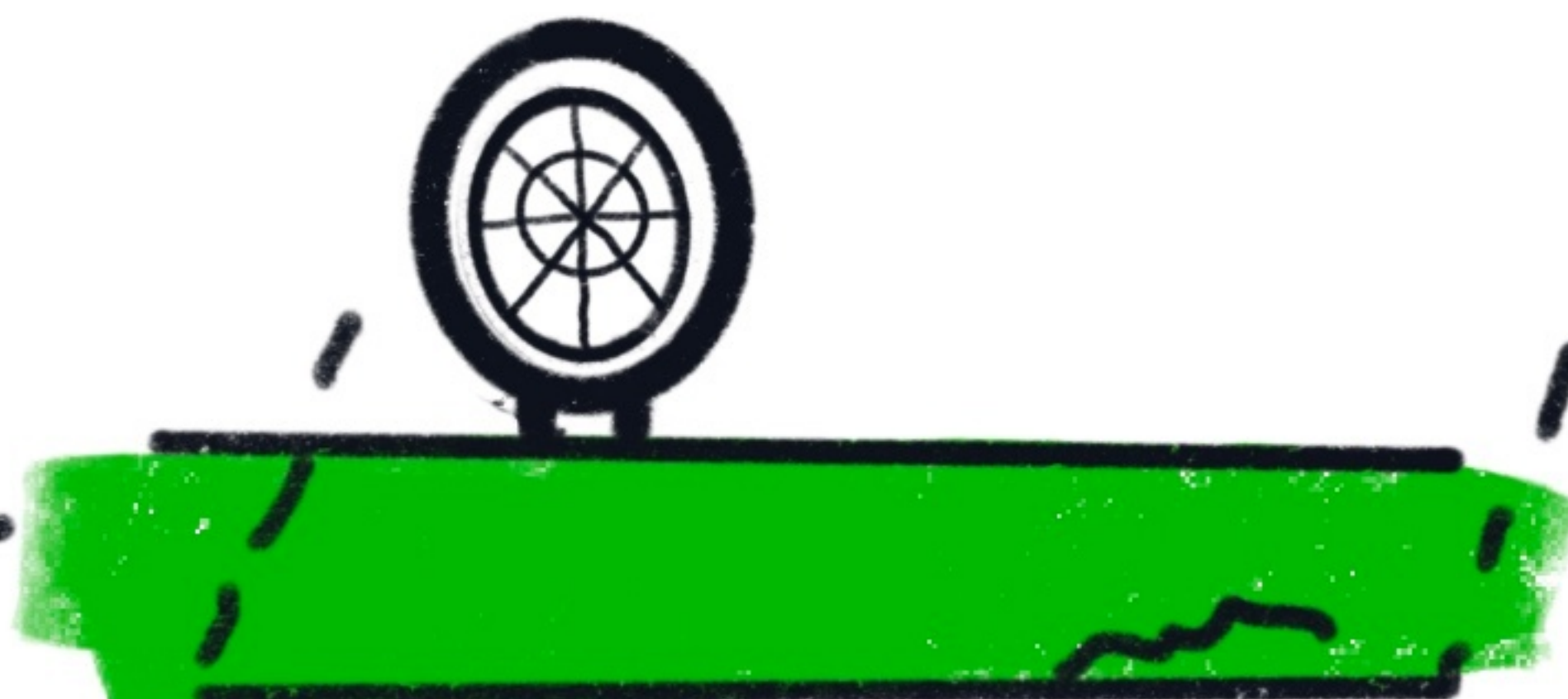
GUARANTEED CONFIDENTIALITY INTEGRITY, FOR CODE + DATA

TRUSTED PLATFORM MODULE
• CAN TRIGGER SELF-DESTRUCT IF SOMEONE TAMPERS



BE MINDFUL OF 3RD PARTY CODE LIBRARIES

CONSTANTLY SCAN TO KEEP THREAT LEVEL ACCEPTABLE



SCANS THAT DETECT SECRET LEAKAGE VIA COMMITS



TRUFFLE HOG CAN HELP



ENCRYPTION & ACCESS CONTROL FOR HARDWARE DEVICES, NETWORK SEGMENTATION/APP BROKERS. MONITOR NETWORK TRAFFIC