Automotive case study

Using Open Source to take 11 chips down to 1 In 3 months!

ChipFlow

From no requirements to tapeout in 3 months?

Reduce Software Load?

Let’s See!

CHIPS ALLIANCE

ChipFlow

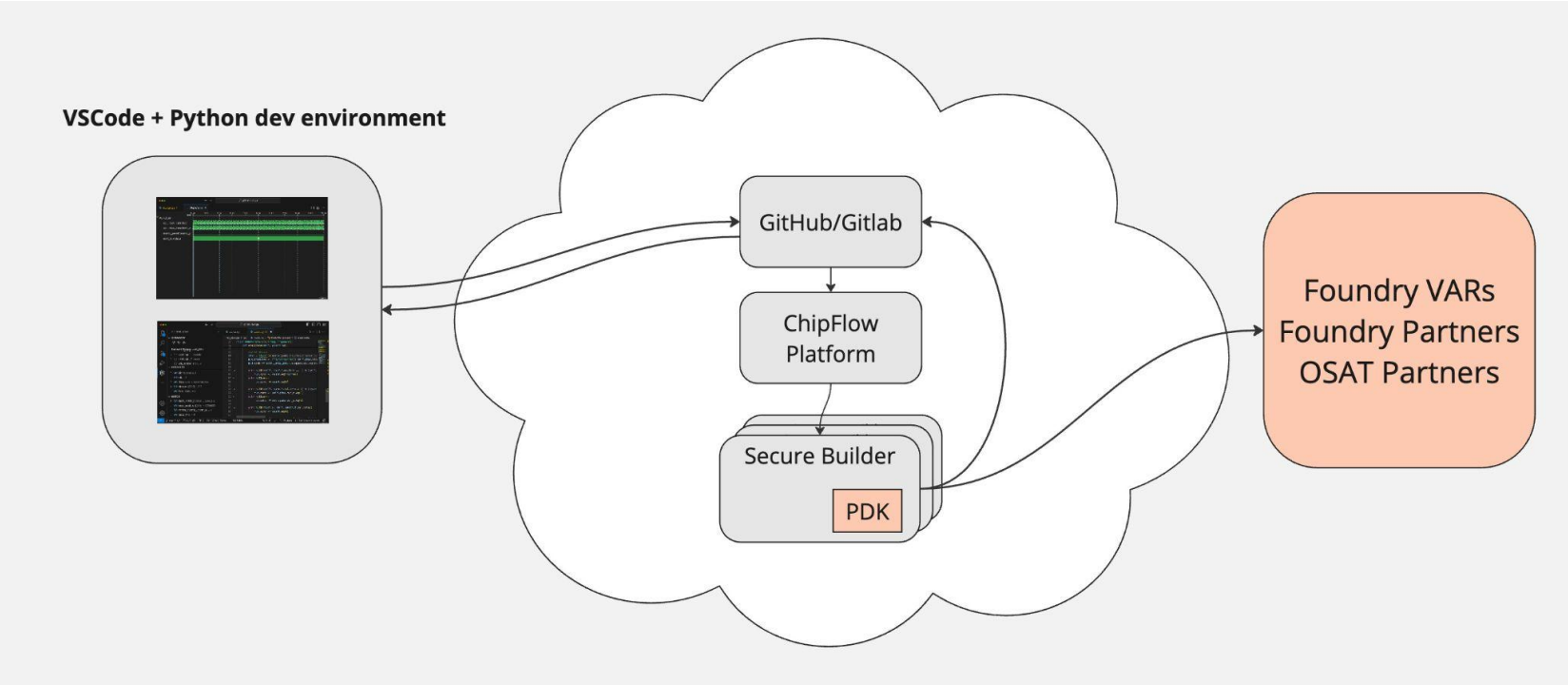
From no requirements to tapeout in 3 months?

Reduce Software Load?

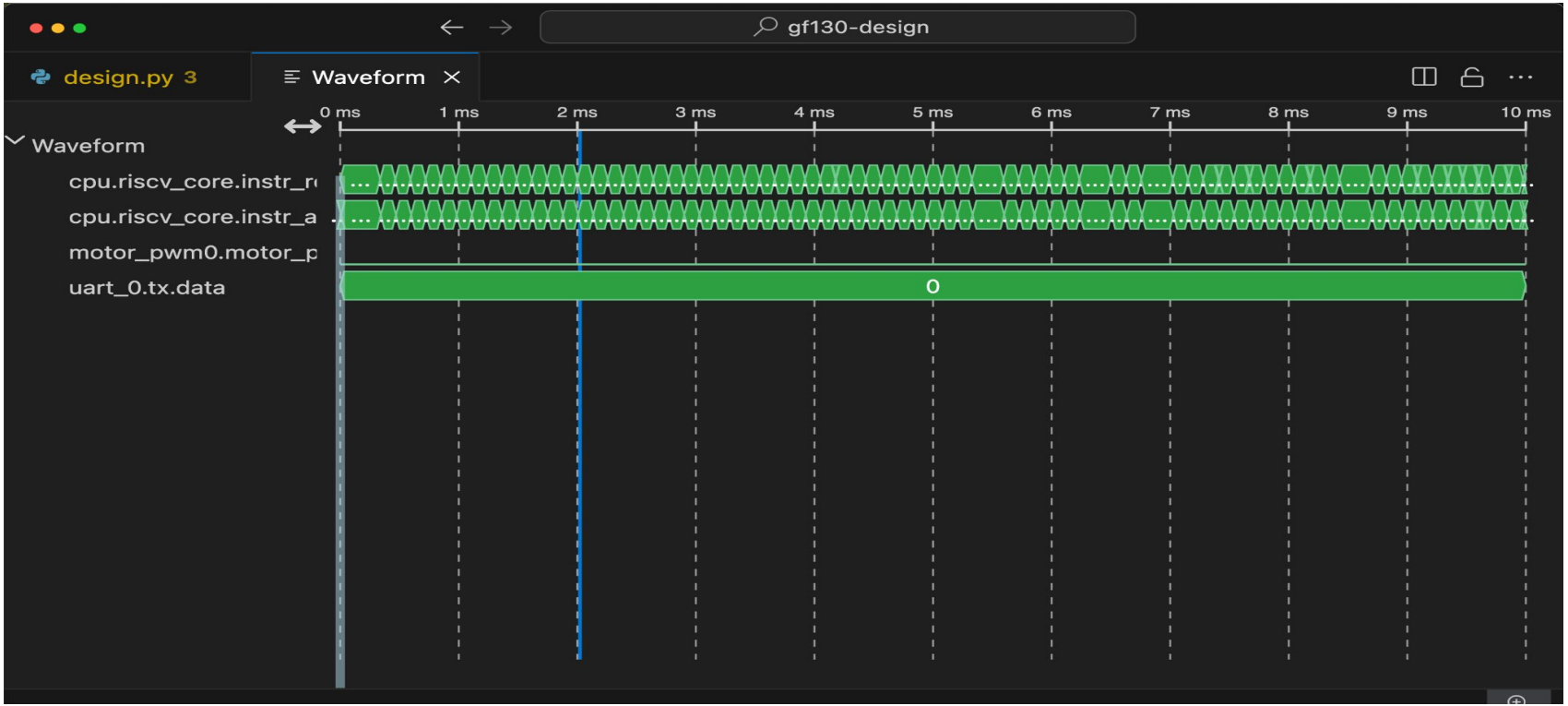
Let’s See!

CHIPS ALLIANCE

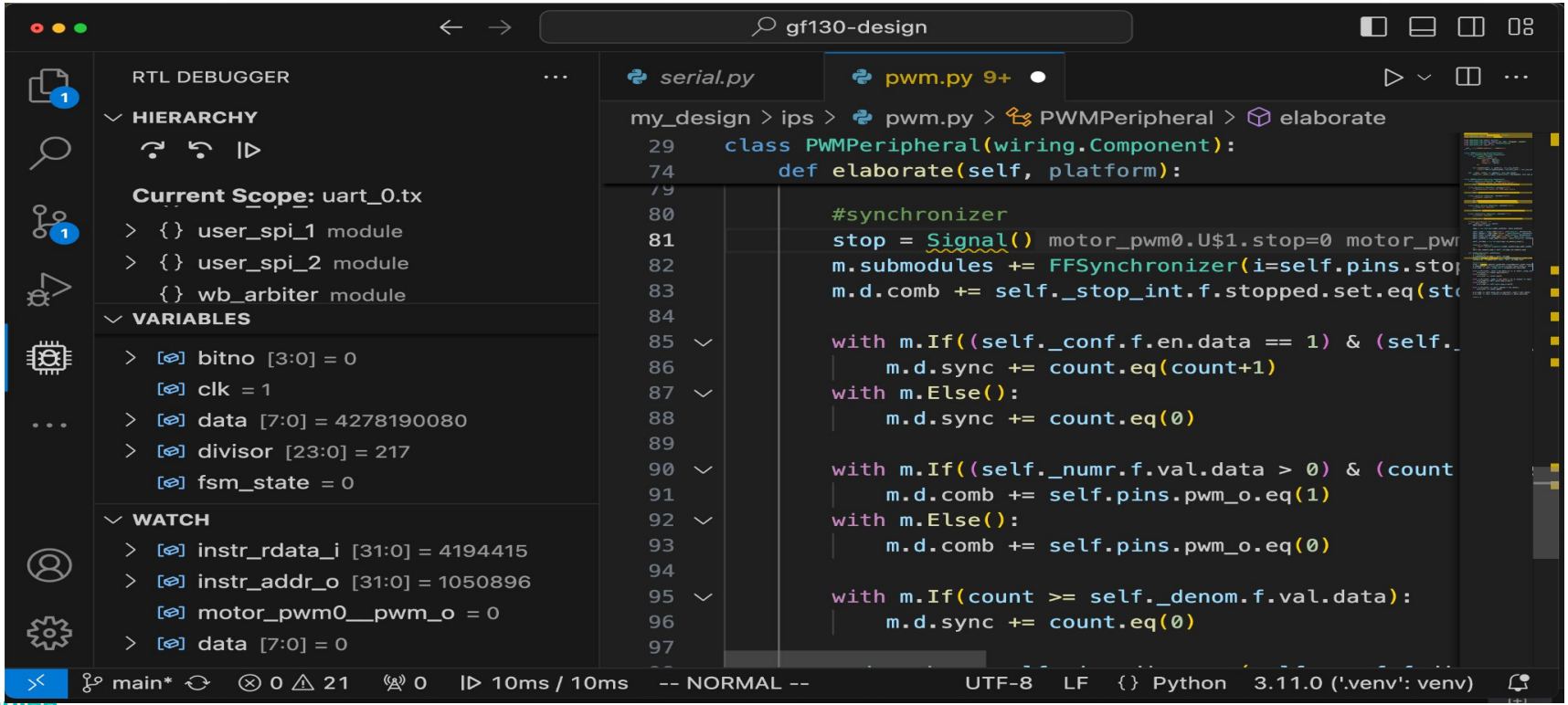
Does our Platform help?



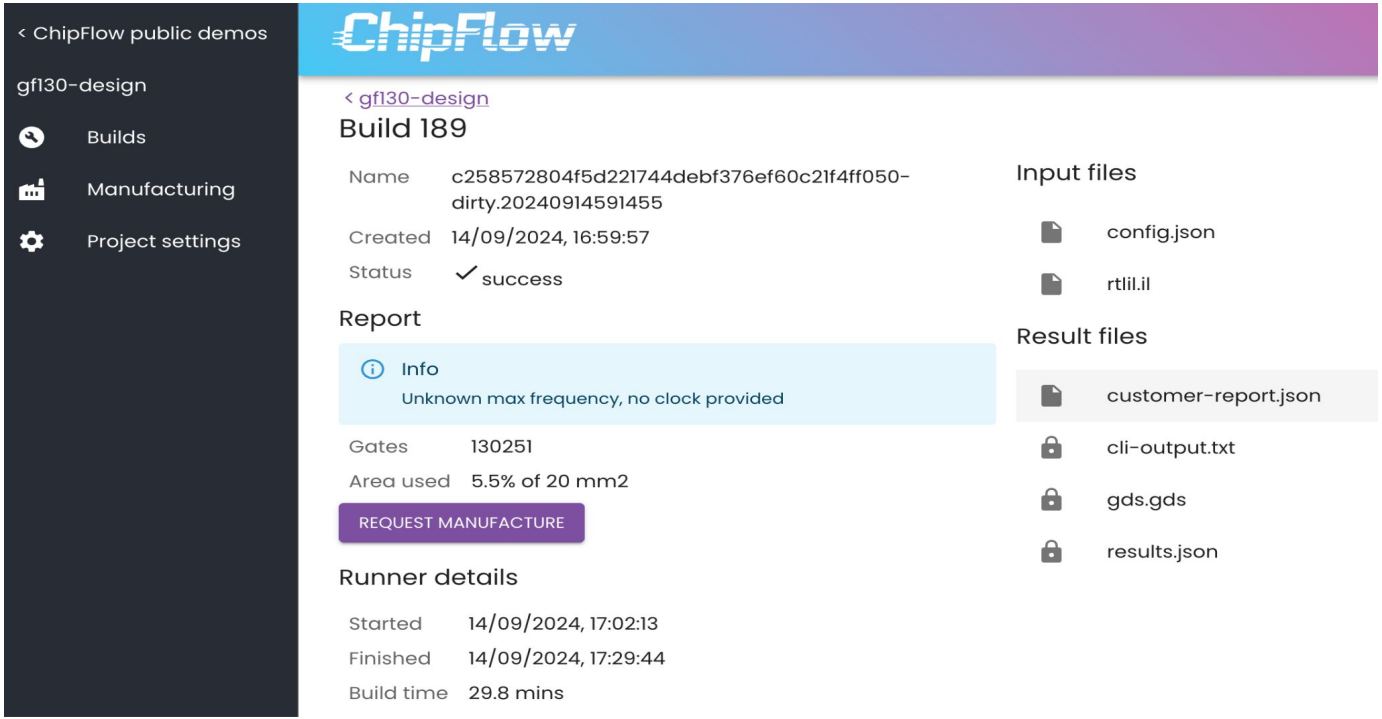
Does our Platform help?



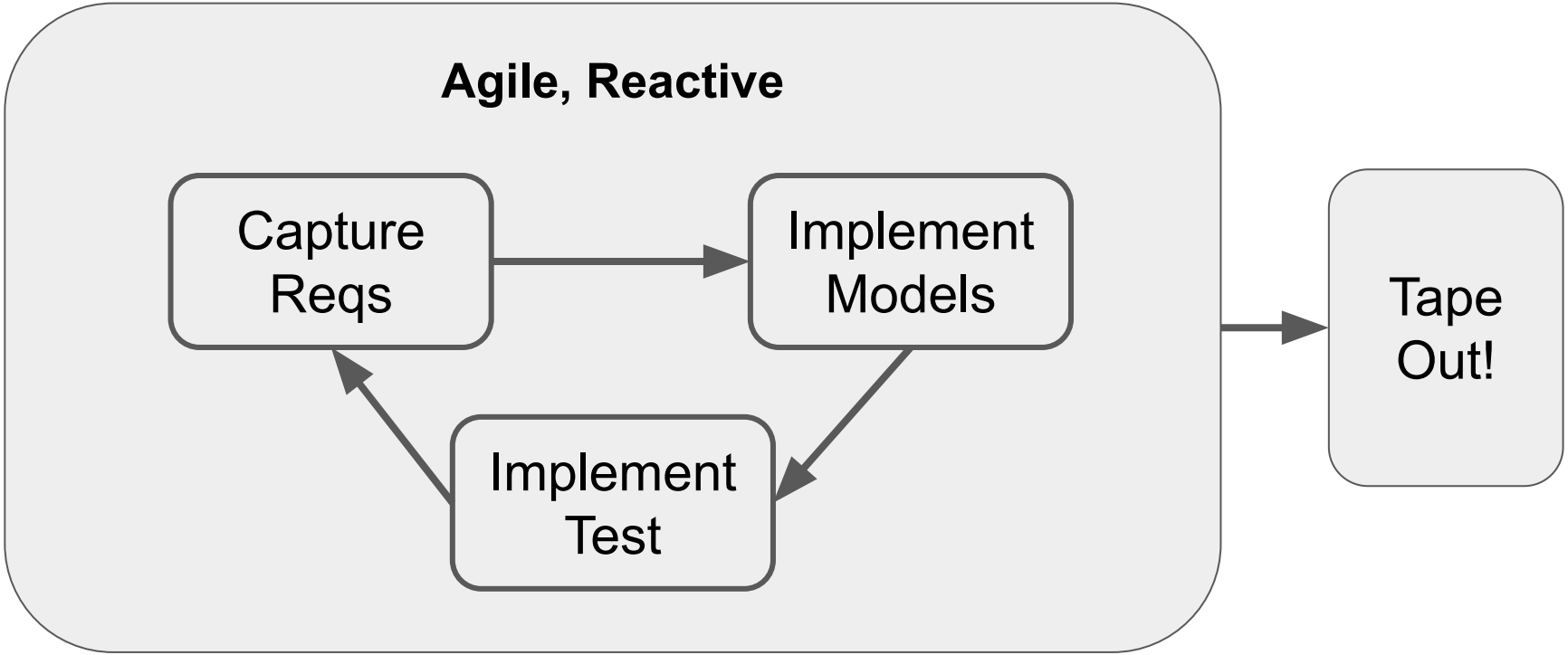
Does our Platform help?



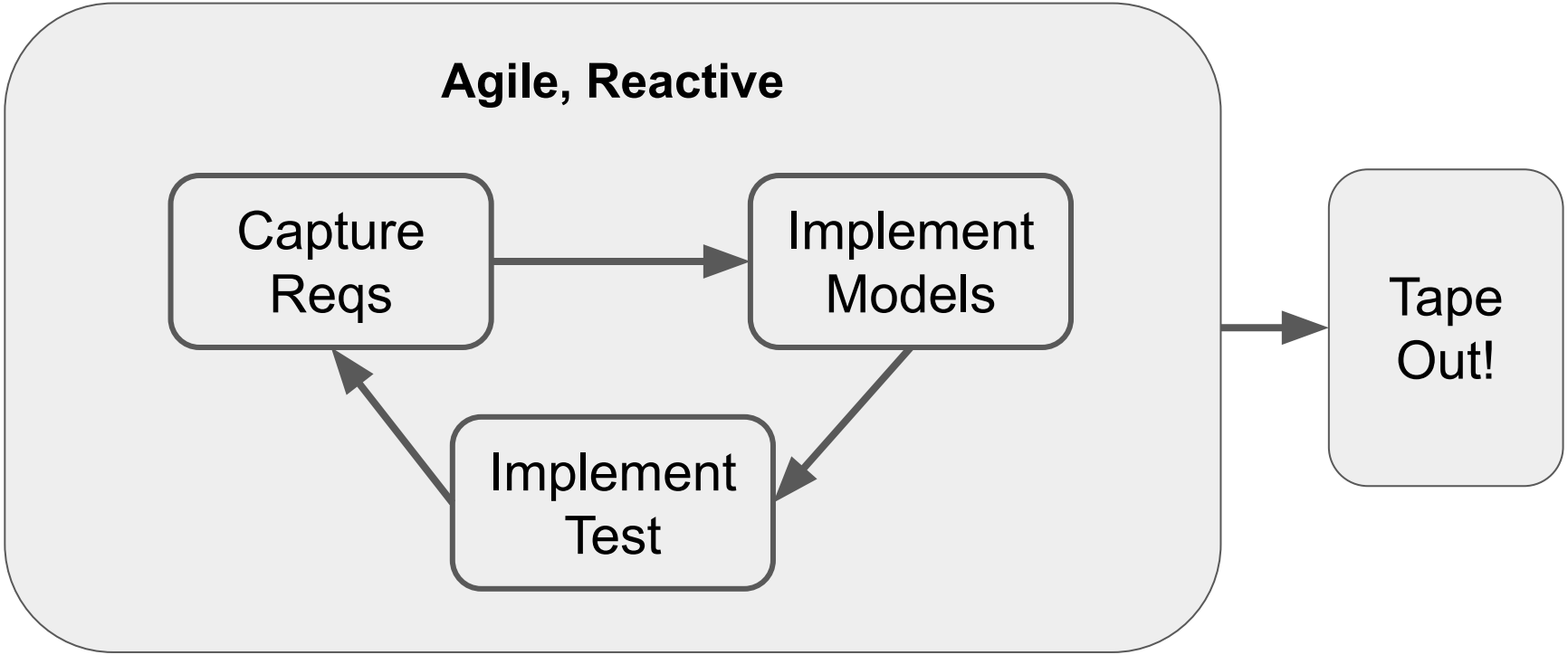
Does our Platform help?



A different approach to design house



A different approach to design house



Biggest challenges?

Biggest challenges?

GF130 BCD

ChipFlow

Biggest challenges?

Functional Safety

CHIPS ALLIANCE

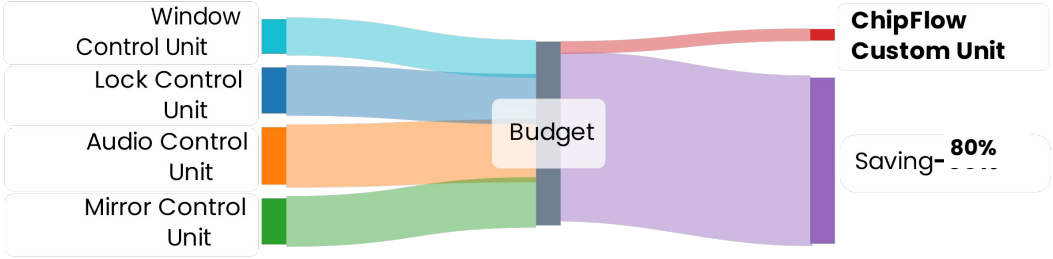
Outcomes

CASE STUDY

11 to 1 in 3 months

A leading luxury automotive OEM needed a path forward for overhauling their **electronic architecture.**

The **ChipFlow platform** was used to deliver an all-in-one custom ASIC against their requirements for **full door functionality** connected by **Ethernet T1S.**



Initial test chip was designed in **3 months**, at a cost of **$300k**, giving the customer a path to full control of their platform needs.

This custom solution replaced **4 control units** and **11 ICs** with **1 IC,** representing a saving of **80%** on the budget for harness and electronics.

Questions?

Rob Taylor <rob.taylor@chipflow.io