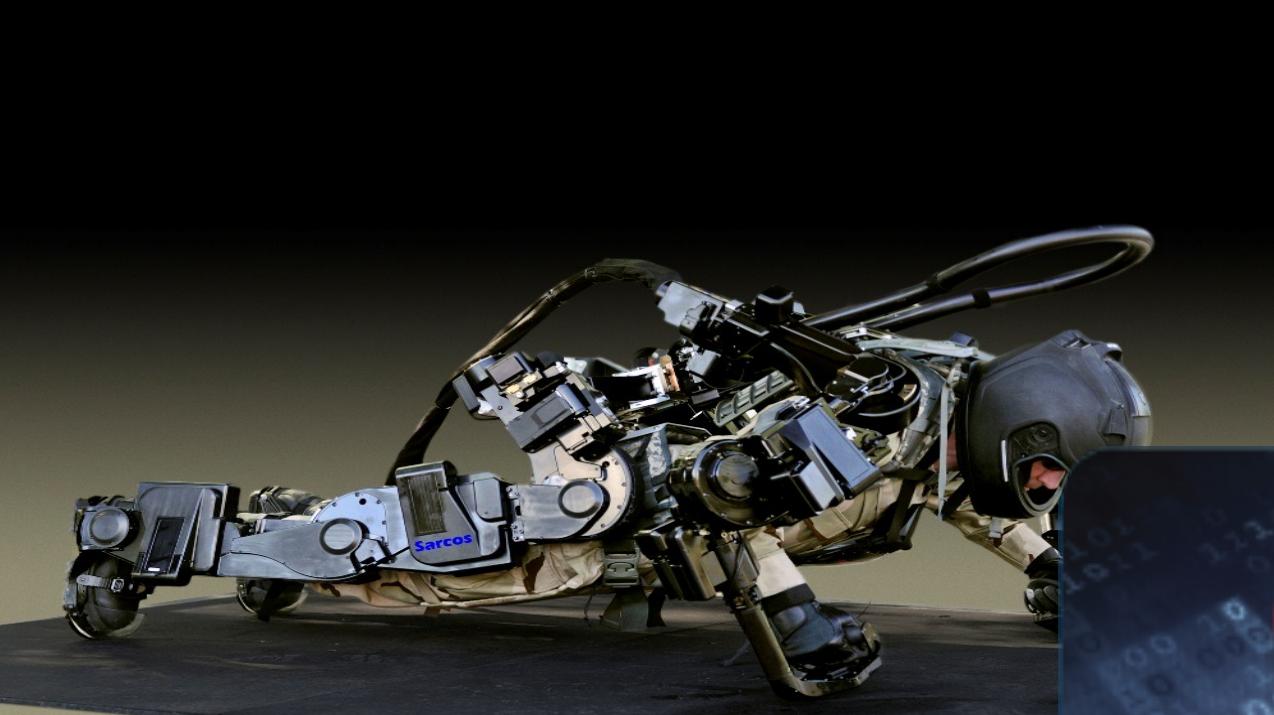


A wide-angle photograph of a glacier in a mountainous region. The glacier is a massive expanse of blue and white ice, winding its way through dark, rugged mountains. The sky is clear and blue. In the foreground, there's a body of water with some small ice floes.

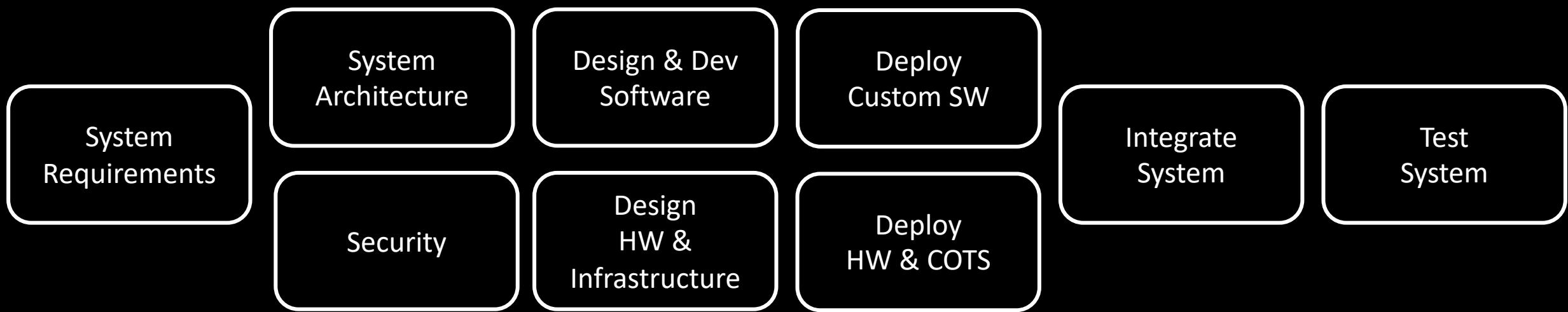
Melting the Glacier

Michael Smith
Terri Potts
Raytheon



Our History



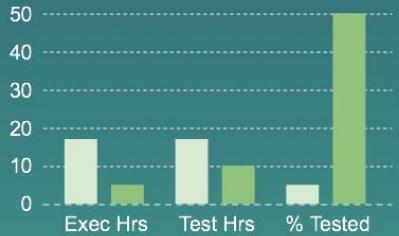






Automated Test

Automated Test (before / after)



Orders of Magnitude Improvement

- 175x tests / month
- 1/3 reduction in build checkout
- 1/24 build time

Overall Savings



4x fewer



reduced OT



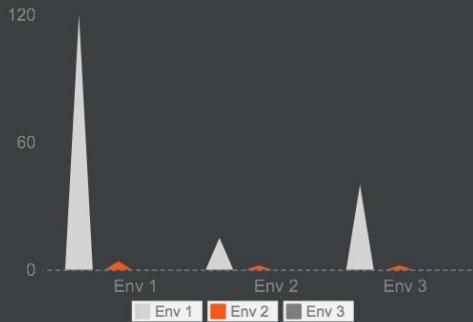
2 month acceleration

Improved Build, Test & Integration

AUTOMATED DEPLOYMENTS

2014-2015

Builds Before & After



Overall reduction from 175 hours to 8 hours for deployment



173

\$22M

Estimated savings on a single LARGE
program



Community Lessons
Learned



Security
Hardening
Guidelines &
Checklist



Company Wide
Working Group

STRATEGY

