

DW POWERFUL & SECURE RF & COMMS SOLUTIONS

The most capable RF and comms platforms today are helping the US Navy mitigate oncoming attack, enabling ADAS systems in self-driving cars, and improving communications systems all around the world, but they also require substantial effort in systems engineering and standards-based design.

Companies that want to launch their own RF and Comms idea can risk that path alone.

Companies that intend to turn their ideas into reality call DornerWorks for guidance.

BUILD PRODUCTS THAT GROW YOUR BUSINESS



We know that product development companies want to serve their customers with new and better products.

When those products require a reliable and robust RF or communication solution, we provide the talent and innovation to turn ideas into reality.



CROSS-MARKET DOMINANCE

Build RF and comms solutions for:

- Aerospace
- Defense
- Automotive
- Industrial
- Medical
- Commercial



STATE-OF-THE-ART PLATFORMS

- RFSoc/MPSoC
- Software-Defined Radio
- Open source RISC-V architecture



FUTURE-FACING FLEXIBILITY

Prepare your business for future growth with a capable and reprogrammable comms platform.

DornerWorks.com | +1.616.245.8369

“ DornerWorks delivered the project,

DW FROM ALPHA TO BETA

in the time frame and budget they promised. ”



CASE STUDY RFSOC-BASED THREAT RESPONSE

A defense contractor wanted to miniaturize the SWaP-C and improve response time of their advanced radar systems that detected and mitigated oncoming airborne threats.

The design DornerWorks delivered was based on one of the first three Xilinx Zynq UltraScale+ RFSoc boards ever available. The software-controllable RFSoc system helped the client receive and process data almost instantaneously.

LEADING SUPPLIER
PARTNERSHIPS



CASE STUDY RADAR ALGORITHM FOR ADAS SYSTEMS

A Tier 1 automotive supplier needed to port their 77 GHz Radar ADAS to an SoC to maintain a competitive edge, but their development team was facing a steep learning curve.

DornerWorks engineers developed application features and networking functionality for the new platform and explored acceleration capabilities using the NEON Ne10, FFTW, and OpenMP libraries.

With engineering guidance from DornerWorks, the team was able to focus on their product design and the needs of their own customers.

ACCELERATE YOUR PRODUCT DEVELOPMENT TODAY



Contact us now to schedule a meeting. Together we will map out a plan that meets your product goals and helps you lead the market.

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