

ENGINEERING
TOMORROW

Danfoss

Danfoss Power Solutions

Application Development Center



3

locations worldwide;
one mission.

Achieving Success, **Together**

Application Development Center

Real collaboration leads to real solutions

Time to market and machine optimization is critical in the industry today. We want to help you minimize the risk associated with product development and partner with you to achieve your customer value proposition. Our Application Development Centers (ADCs) enable us to develop, test, prove and demonstrate real solutions that you can experience first-hand at our three global locations.

Develop: Danfoss engineers conceptualize and design an innovative solution to address your specific challenge.

Test: Solution plans become tangible as Danfoss engineers build and add the solution to a test vehicle at the ADC.

Prove: You get to see the solution in action on the ADC test track and review the data with the ADC engineers. Components and systems performance are validated.

Demonstrate and refine: The newly developed solution is applied to your machine, and the state-of-the-art ADC test track is used to put your machine through real-world testing. The solution is refined and you are able to prove-out and validate the results.

Proven solutions

We've had the opportunity to work with many of our distributors and equipment manufacturers to find solutions for virtually any performance-related issue — and the ADCs allow these partners to experience our proven solutions first-hand. A few installed technology issues we've been able to help our customers with include:

- Optimized engine cooling
- Power savings
- Dual-path propel
- Anti-stall
- Electronic torque limitation
- Electronic load sensing
- E-steer
- Traction control
- Anti-lock braking
- Integrated speed limitation
- Optimized user interface
- Anti-slip/spin

Schedule your visit

Do you have a specific challenge you'd like to talk about, or just want to learn more about Danfoss Application Development Centers? Contact your Danfoss distributor or account manager today.



An investment in partnership

Danfoss Application Development Centers (ADC) are an investment in the long-term partnerships we work to build with our customers. ADC test tracks help to demonstrate proven solutions on OEM test vehicles. It's our mission to help you *engineer tomorrow* by addressing your engineering challenges through a deep understanding of machine sub-systems. Some of the challenges we address include:

- Customized Operator Control
- Machine Performance
- Power Management
- Fuel Efficiency
- Time to Market
- Functional Safety

Better understanding leads to better innovation

Danfoss Application Development Centers are also used to develop solutions independent of a specific customer challenge. Because of the global Danfoss footprint, our engineers are keenly aware of industry trends on both a global and local level. This awareness, along with our strategically located ADCs, allow Danfoss to proactively develop innovative solutions that blend global capabilities with local expertise. The result is proven technology immediately available for our customers.

Global ADC locations:

- Ames, Iowa
- Nordborg, Denmark
- Haiyan, China