

Get started on your road to autonomy

Customizable software solutions

Designed for in-house engineering teams, PLUS+1® ACL (Autonomous Control Library) software is available in Essentials or Advanced packages. Both consist of preprogrammed and pretested software blocks built into Danfoss' XM100 controller hardware. Each block covers vital areas such as positioning, navigation, and perception and eliminates the need to design and develop autonomous software programs from scratch.

What's Essentials?

Available to PLUS+1 GUIDE users with a professional license, PLUS+1 ACL Essentials provides the software tools and blocks to get users started on their road to autonomy.

- Perception blocks to perceive the environment around a machine
- Positioning blocks to locate or position a vehicle at a precise location
- Navigation blocks to plan and navigate a path for a machine to follow
- Utility blocks provide functionality that makes integration easier

PLUS+1 ACL Essentials blocks

Foundational blocks to facilitate autonomous applications from a combination of perception, positioning, and navigation blocks by outputting steering commands and (optionally) propel commands.



PLUS+1 ACL
Essentials

Benefits

- Speed up development time
- Reduce development costs
- Dependable software with proven reliability and performance
- The software is tested to ensure dependable performance.
- Get to market faster
- Lead your market





Make your vehicle autonomous and get to market faster

Increase your machine's precision, productivity, and safety – and its value, too, using PLUS+1 ACL software solutions from Danfoss Autonomy.

Don't have autonomous engineering services in-house? The ACES can help. A dedicated team of autonomous engineering experts, they do the work so you don't have to.

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