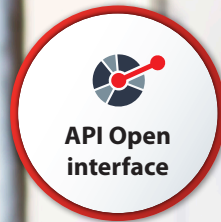


ENGINEERING  
TOMORROW

*Danfoss*

# Danfoss Ally™ – the new smart heating solution with open API



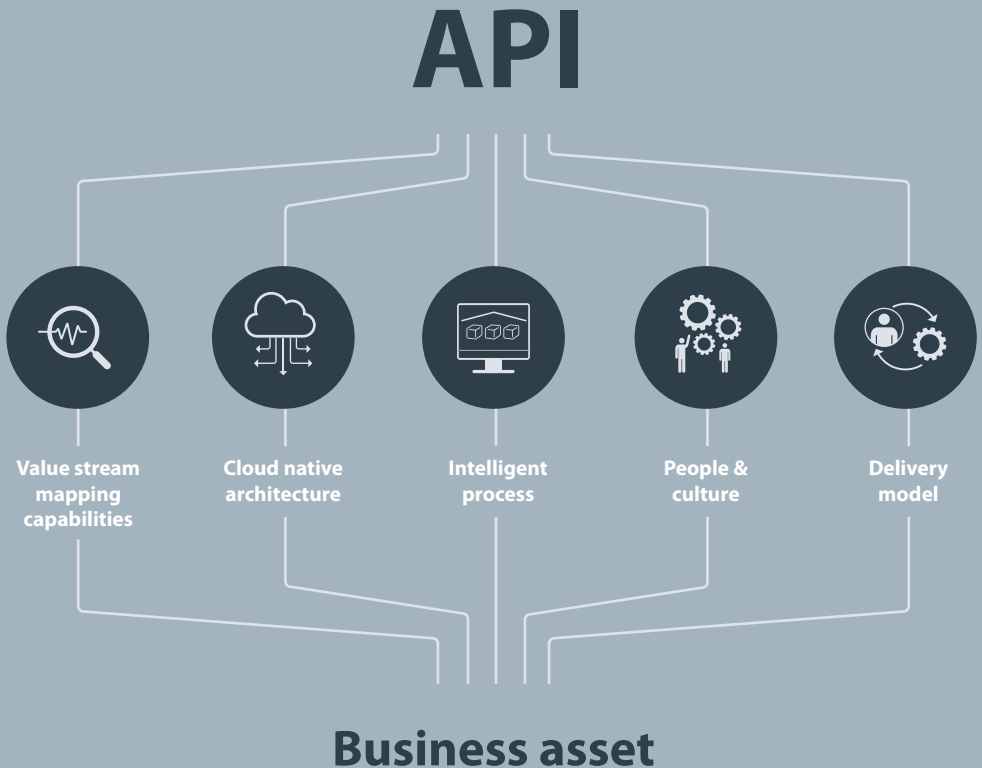
[ally.danfoss.com](http://ally.danfoss.com)

# What is a **Cloud API**?

An API is a programmatic interface, which is exposed by a cloud server. An API helps to collaborate with external and internal partners (including both B2B and B2C scenarios) by providing secure access to its value streams.

The Danfoss Ally™ Cloud API allows for collaboration and innovation by enabling co-opting with other service providers. The API also ensures compliance with industry level security.

By using the API, organizations (and end-customers) can harness rapid innovation by tapping into the Danfoss Ally™ products to build meaningful products of their own:



# With the **Danfoss Ally™ open API** you can...

- Gain insights into your heating devices and into your heat regulation in general
- Check the health of your buildings' heating
- Export and import of data from heating devices
- Create systems that read temperature settings to Danfoss Ally™ devices
- Create systems that write temperature settings to Danfoss Ally™ devices



"Get my kitchen temperature"

HTTP

HTTP

"Set my kitchen temperature to 21 degrees"

Public API

Danfoss Cloud

Bathroom

eTRV1

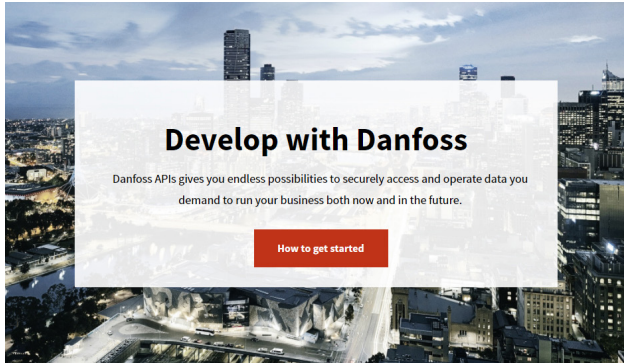
eTRV2

Kitchen

eTRV3

eTRV4

# How do I get started?



## Who is this relevant for?

A number of industry players are interested in getting access to the Danfoss expertise and knowledge on heat regulation. The open API is highly interesting for system integrators developing their own energy management solutions, energy companies as well as other players in the heating segment.

Access the open API at <https://developer.danfoss.com/> and try it out in your browser!

## Benefits of using our APIs



### Data security

We use security standards like OAuth2 and our documentation is done via OpenAPI specifications.



### One source of truth

All data you get is exactly the same data we operate with. You can trust the data in the API Products as you trust Danfoss.



### Get started right away

Use our Sandbox products to start building in a flash. With just a few lines of code, our API's are ready to integrate with your applications.

#### Danfoss A/S

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