DOMS

Ask yourself...

- What is a PSS 5000?
- Where does it fit in my system?
- What functionality does it offer?
- Is there an SDK available?
- Can I get PSS 5000 training?
- Can I integrate my POS/BOS/HOS?
- How can I integrate special functionality?

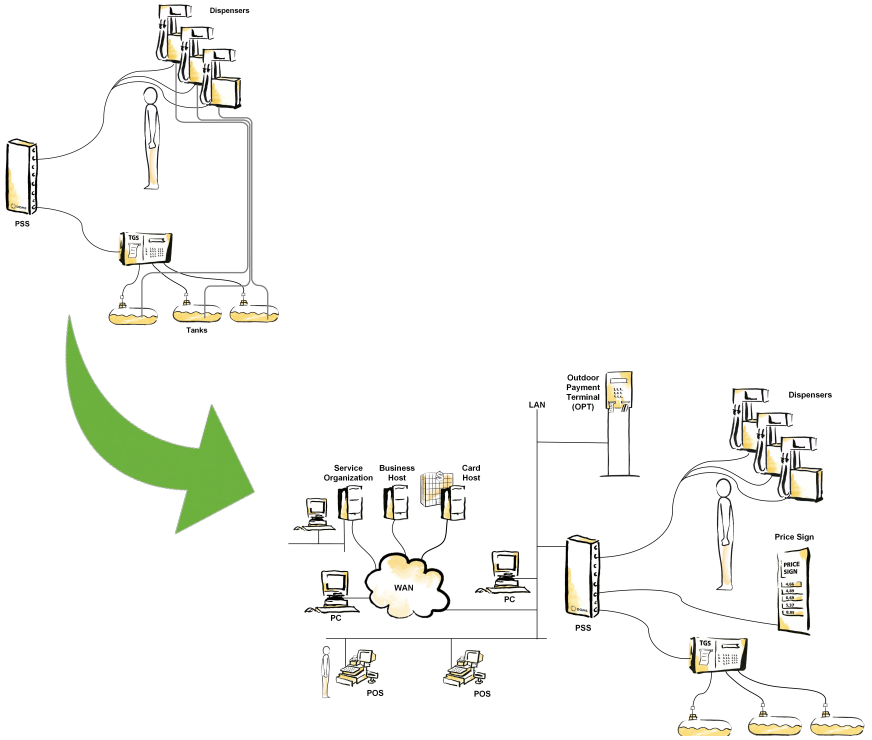
What is a PSS 5000?

The PSS 5000 is a fully modular forecourt controller for retail filling stations. It provides a scalable solution that offers an unprecedented number of communication options in order to connect with equipment installed either on or around petrol station forecourts.

PSS 5000 - For all solutions (805406/--)
https://downloadcenter.doms.com/download.asp?Id=491
PSS 5000 - a new generation (805922/--)
https://downloadcenter.doms.com/download.asp?Id=820
PSS 5000 Base Systems (804586/--)
https://downloadcenter.doms.com/download.asp?Id=399

Where does it fit in my system?

The PSS 5000 is extremely versatile. The same hardware supports a variety of operational scenarios. From basic sites, where fuel sales are handled by the attendant on the forecourt, up through simple sites with remote monitoring and on to complex sites with multiple payment methods and operational modes, as well as advanced functionality, such as providing a gateway to cloud services.



PSS 5000 Site Solutions video
https://downloadcenter.doms.com/download.asp?Id=1240

What extra functionality does the PSS offer?

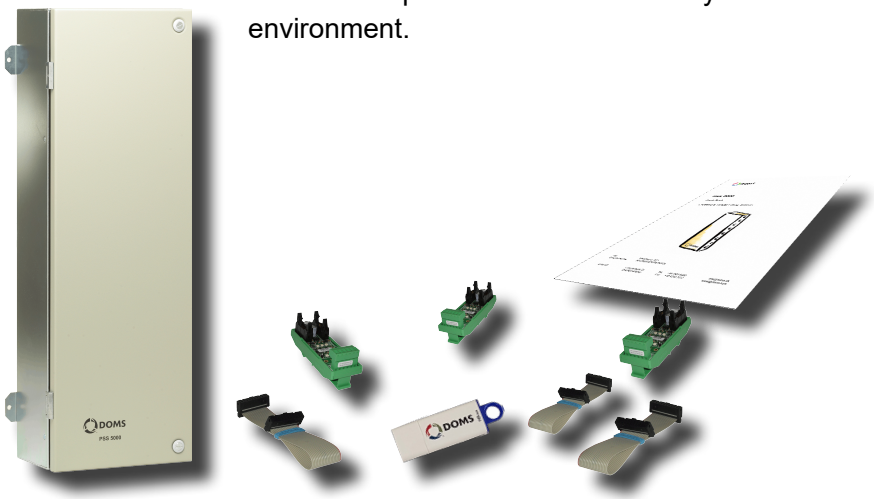
The PSS is fully loaded with all the standard functionality you could want, but in addition to this it comes complete with lots of special functions. These have been developed in cooperation with end-users and decades of experience in the field.

Data Push Services (806097/--)
https://downloadcenter.doms.com/download.asp?Id=1151
Measuring Instruments Directive (805697/--)
https://downloadcenter.doms.com/download.asp?Id=532
Sudden Loss Detection (805678/--)
https://downloadcenter.doms.com/download.asp?Id=505
Vapour Recovery Monitoring (806109/--)
https://downloadcenter.doms.com/download.asp?Id=1105
Theft Protection (suction pumps) (805677/--)
https://downloadcenter.doms.com/download.asp?Id=502
Integrating EV Chargers (806223/--)
https://downloadcenter.doms.com/download.asp?Id=1256
High-speed, high-volume dispensing (805569/--)
https://downloadcenter.doms.com/download.asp?Id=450
Integrating mobile payment (806232/--)
https://downloadcenter.doms.com/download.asp?Id=1294

Is there an SDK available?

If you already know that you want or need a forecourt controller solution, then why not get some hands-on experience. We offer a Software Development Kit (SDK) that contains all the hardware and software necessary to familiarize yourself with the equipment and our software simulation tools.

The SDK contains a comprehensive cookbook that enables you to create a virtual filling station in a laboratory or office environment. You can make realistic fuelling transactions, play with error scenarios to hone your troubleshooting skills and integrate your own equipment (e.g. POS). All this means that you can experiment and implement new functionality in a safe environment.



PSS 5000 SDK brochure (805395/--)
https://downloadcenter.doms.com/download.asp?Id=322
PSS 5000 SDK Description (806039/--)
https://downloadcenter.doms.com/download.asp?Id=1156
PSS 5000 Virtual Site Cookbook (805933/--)
https://downloadcenter.doms.com/download.asp?Id=1023
Forecourt device simulators
https://downloadcenter.doms.com/main.asp?parent=3

Can I get PSS 5000 training?

If you already have some hands-on experience with the PSS 5000 but want to learn more about areas like the finer points of troubleshooting or how to jump-start your POS integration, then take a look at the training sessions available.

We offer two types of standard training. One is tailored for Service Technicians and focuses on the hardware, installations, maintenance tasks and troubleshooting, while the other caters to POS Software Engineers, who need to implement their equipment with a PSS 5000 system.

Standard Service Training Features

- Installation and configuration
- Connectivity with forecourt devices
- Troubleshooting
- Support documentation and tools

Standard POS Integrator Training Features

- System architecture
- Business logic associated with forecourt devices
- Configuration
- Control of the forecourt (authorization, shift-change, etc)
- MID/OIML (W&M functionality)
- Development documentation and tools

PSS 5000 Training brochure (805392/--)
https://downloadcenter.doms.com/download.asp?Id=42
Standard Service Training brochure (805725/--)
https://downloadcenter.doms.com/download.asp?Id=1288
Standard Integrator Training brochure (805727/--)
https://downloadcenter.doms.com/download.asp?Id=1289

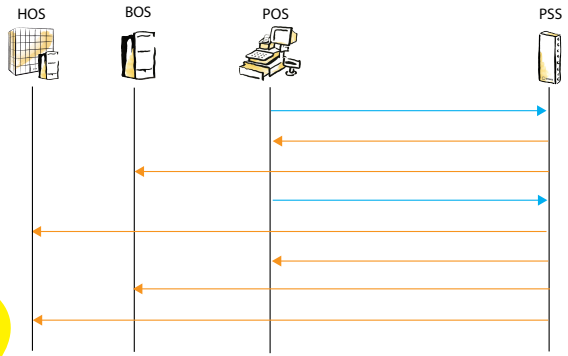
Can I integrate my POS/BOS/HOS?

If you need to integrate your POS/BOS/HOS with a retail filling station forecourt and want to know more, then the information available here will help you on your way.

Communication between a POS/BOS and the PSS uses the DOMS POS Protocol (DPP), which with its JSON presentation layer, provides a protocol that uses a well-defined, standardized format.

With multiple client access and unsolicited messages transmitted when forecourt status changes occur, the DPP provides an easy-to-use, streamline form of communication.

For systems that do not have a permanent connection, e.g. HOS, then it is possible to have status, alarm and event information through the DOMS HOST Protocol. This provides all the necessary information in several xml files, which can be downloaded on request or at scheduled intervals.



Only users with NDA privileges can access these materials

JSON Presentation Layer videos
https://downloadcenter.doms.com/download.asp?Id=1168
DOMS POS Protocol - Application Specification (804706/--)
https://downloadcenter.doms.com/download.asp?Id=324
DOMS HOST Protocol - Basic Specification (803613/--)
https://downloadcenter.doms.com/download.asp?Id=190

How can I integrate special functionality?

When you have an operational PSS 5000 but need to integrate something a little bit out of the ordinary, then we can provide you with Application Notes that describe how to approach the installation, integration and operation of the individual special cases.

Only users with NDA privileges can access these materials

Controlling submersible pumps (802653/--)
https://downloadcenter.doms.com/download.asp?Id=121
Fuel Theft Protection (804763/--)
https://downloadcenter.doms.com/download.asp?Id=126
Integrating 3rd-party intelligent terminals (804680/--)
https://downloadcenter.doms.com/download.asp?Id=124
Leakage and gas alarms (805681/--)
https://downloadcenter.doms.com/download.asp?Id=508
Monitoring external alarms (805107/--)
https://downloadcenter.doms.com/download.asp?Id=128
Performance monitoring (805934/--)
https://downloadcenter.doms.com/download.asp?Id=839
Sudden Loss (805291/--)
https://downloadcenter.doms.com/download.asp?Id=323
Vehicle tagging (805108/--)
https://downloadcenter.doms.com/download.asp?Id=129
Tank control (805666/--)
https://downloadcenter.doms.com/download.asp?Id=521
Working with necessary devices (806224/--)
https://downloadcenter.doms.com/download.asp?Id=1243
External EPS for attendant tagging (805189/--)
https://downloadcenter.doms.com/download.asp?Id=1039
Integrating an EV Charger (806158/--)
https://downloadcenter.doms.com/download.asp?Id=1324
Vending Machines (806235/--)
https://downloadcenter.doms.com/download.asp?Id=1325

Sales, Support and Downloads

DOMS Sales

If you are interested in even more information than you can access from this document, then use the relevant regional contact details available at:
https://www.doms.com/contact-us/offices .

If you need access to more sensitive materials on the DDC, then you are required to sign an NDA. To initiate this process, contact sales@doms.dk.

DOMS Download Center (DDC)

The DDC enables you to access all our published materials, which vary from high-level colour brochures to low-level Application Notes and Protocol Specifications.

Access the DDC via the link:
https://downloadcenter.doms.com

If you are not a registered user already, go to the DDC and register online. If you need access to more sensitive materials, contact sales@doms.dk and request NDA user privaledges for your users.

DOMS Service Desk (DSD)

The DSD enables you to register your queries and follow their progress with email notifications when status changes occur.

If you are not a registered user, contact support@doms.dk to obtain your log on details.

If you are a registered user, access the DSD via the link:
https://domssupport.atlassian.net/servicedesk

Doms ApS, Formervangen 28,
2600 Glostrup, Denmark
Tel.: +45 4329 9490 | www.doms.com

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