

PDMS (software)

PDMS	
	
Developer(s)	AVEVA
Initial release	1974
<u>Stable release</u>	12.1 SP4 / June 2015
<u>Operating system</u>	Windows
<u>Type</u>	CAD
<u>License</u>	Proprietary software
Website	[1]

PDMS (Plant Design Management System) as it is known in the [3D CAD](#) industry, is a customizable, multi-user and multi-discipline, engineer controlled design software package for engineering, design and construction projects in offshore and onshore.

Main article: [AVEVA § History](#)

The Computer-Aided Design Centre (or CADCentre as it was more commonly referred to, and later formally became) was created in [Cambridge](#), England, UK in 1967 by the UK [Ministry of Technology](#). Its mission was to develop [computer-aided design](#) techniques and promote their take-up by British industry. The centre carried out much pioneering CAD research, and many of its early staff members went on to become prominent in the worldwide CAD community, such as brothers [Dick Newell](#) and [Martin Newell](#).^[1]

Dick Newell oversaw the creation of the Plant Design Management System (PDMS) for 3D process plant design. He later co-founded two software companies – [Cambridge Interactive Systems](#) (CIS) which was known for its [Medusa 2D/3D](#) CAD system, and [Smallworld](#) with its eponymous Smallworld GIS ([Geographical Information System](#)). Martin Newell later went to the [University of Utah](#) where he did pioneering 3D [solid modelling](#) work; he was also one of the progenitors of [PostScript](#).

Subsequently the UK government, via the British Technology Group (BTG) established a separate company, Compeda Ltd, to exploit software developed and owned by the government and they took over the marketing and user support of PDMS, while the software continued to be developed by the CADCentre, with funding from Compeda.

When the UK government decided to privatise (sell) anything that did not need to be government owned, Compeda Ltd was sold to Prime Computer Inc. for a net negative sum of money. Prime Computer decided that PDMS had no commercial value or future and returned the marketing rights for the product to CADCentre.

CADCentre was privatised and in 2001 changed its name to AVEVA.

The latest release, as of July 2015, is AVEVA PDMS 12.1.SP4.23^[2]



A plant in PDMS



Contents

- 1User Groups
 - 1.1Existing
 - 1.2Defunct
- 2See also
- 3External links
- 4References

User Groups^[edit]

Existing^[edit]

Name	URL	Date Started	Members
AVEVA World Forum	http://www.avevaworldforum.com	2006	17.933
3D Cad PDMS : PDMS Tutorials	http://www.3dcad-pdms.com	2016	NA

PDMSMacro	http://www.pdmsmacro.com (closed)	2013	NA
PDMSMAX	http://pdmsmax.free.fr (offline)	2008	10
Communauté PDMS	http://forumpdms.superforum.fr	2008	555
Club d'Utilisateur Francophone de PDMS <i>CUF-PDMS</i>	http://www.cuf-pdms.org	2009	230
PDMS.INFO	http://www.pdms.info/	2017	NA

Defunct^[edit]

Name	URL	Date Started	Date Ended	Members
CADarena	http://www.cadarena.com (closed)	2000	2004	1500
PDMS Forum	http://www.pdmsforum.com (closed)	2005	2007.11	NA
PML Guru (AVEVA PDMS PML)	http://www.pmlguru.com	2010	?	NA
Viewpoint Americas	https://web.archive.org/web/20061208104916/http://www.viewpointamericas.com/	?	?	NA
ALIPERSIA	http://www.alipersia.com	?	?	
