

CAD 4 CVC

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Services :

- BIM and PDF deliverables for the design, construction and as-built phases
- Sizing of terminals, heating and cooling equipment, and systems in accordance with local standards
- Creation of a Revit® template with customised families tailored to your company's requirements
- BIM coordination
- BIM GEM solutions via Revit® and IFC format

References :

- THALES Sélène
- SMAD l'Arbresle
- SOITEC Corsica
- CHU of Geneva
- CEA Minatech
- CERN Library
- CERN 184 Offices
- CERN Technical galleries renovation

Software skills :

- Revit®
- Dynamo
- PyRevit
- AutoCAD®
- Navisworks®
- AECOsim Bentley®
- Python scripts



CARREER HISTORY

YOANN OBRY

I work with you as a **HVACS designer** and **BIM consultant**, combining strategic vision with technical expertise and incorporating digital innovations to optimise design, **reduce costs** and **improve the quality** of your projects.

Drawing on my **20 years of experience**, I decided to set up **CAD 4 CVC** to accelerate the digitalisation of the construction industry by providing **practical solutions** and a **reputation for excellence** to my partners.



After obtaining a **DUT in Thermal Engineering** and studying Physics at the University of Grenoble, I worked as a technical draughtsman in various sectors, including **housing**, the **service sector** and **high-tech industry**.

I worked for seven years at an **ENGIE** subsidiary, where I developed 3D models for **construction** and multi-disciplinary **coordination** using AECOsim® software. I also took the initiative to create an **equipment library** within the design office to pool our resources.

I then secured a position at **CERN**, where I implemented a **BIM methodology**, including a Revit® **template** and **trade-specific families** for the HVAC systems in commercial buildings. During this role, I **supervised** up to five draughtsmen. I also contributed to the **integration of BIM** into the **CMMS** by proposing solutions compatible with ArcGIS and programming verification procedures in **Python**.