

Bentley Energy Performance Solutions

Erick Komlavi AGBETIAFA
Industry Sales Director - Building





Bentley[®]
Sustaining Infrastructure

- Création : 1986
- CA 2008 : 550 M\$
- 2,600 employés
- Bureaux en 42 pays

- 4 Groupes Marchés

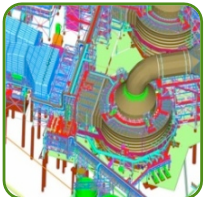
Building



Génie Civil



Plant Design



GeoSpatial



Editeur international de logiciels

Fournit des **Logiciels** et des **Services** pour la gestion du **cycle de vie** complet des **infrastructures**



Références Building

- Albert Kahn
- Arup
- Artefact
- ADPi
- Buro Happold
- BDP (Building Design Partnership)
- Foster and Partners
- Gresham Smith and Partners
- Ingenhoven, Overdiek & Partners
- KPF
- LMN Architects
- Morphosis
- NBBJ
- Rogers and Partners
- Sexer Loyrette Architectes
- Whitby Bird
- ...



	BUILDING	PLANT	CIVIL	GEOSPATIAL
O&M	Bentley® Facilities™	ProjectWise® LifeCycle Server™	ARPS™, ROW™, LDM™, Optram™, SUPERLOAD®	Bentley® GeoWeb Publisher Bentley® Geospatial Server
APPLICATIONS	Bentley® Architecture™ Bentley® Structural™ RAM™ STAAD™ Bentley® Building Mechanical Systems™ Bentley® Building Electrical Systems™ Speedikon® ProSteel™ Hevacomp® Tas™	PlantSpace® AutoPLANT® AutoPIPE™ AXSYS™ PlantWise™ Design++™ promis•e® OpenPlant PowerPID™ ConstructSim™ OpSim™	GEOPAK® InRoads® Bentley® Rail™ Bentley® MX™ Bentley® Rebar™ RM Bridge™ LEAP™	Bentley® Map™ Descartes™ I/RAS B™ Bentley® Electric™ Bentley® Water™ Bentley® Sewer™ Bentley® Copper™ Bentley® Fiber™ Bentley® Coax™ Bentley® Inside Plant™ CADscript™ sisNET™ Haestad Methods® Solutions Bentley® Expert Designer™
POWER PRODUCTS			PowerSurvey™ PowerCivil™ PowerRebar™	PowerMap™ PowerMap Field™
PLATFORM	MicroStation® GenerativeComponents® MicroStation® PowerDraft® Bentley® View™ Bentley® Redline™			ProjectWise® StartPoint™ ProjectWise® Navigator™ ProjectWise® InterPlot™ ProjectWise® Integration Server™

Offre Logiciels

Solutions Bentley BIM

Aménagements
Exérieurs

Conceptual
Design

Architectural
Design

Structures

Equipments
Techniques

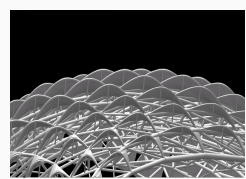
Facility
Management

Gestion des documents techniques du projet
Gestion collaborative

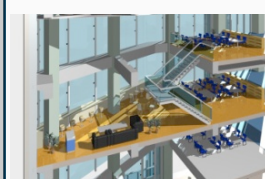
Bentley ProjectWise



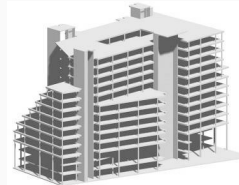
PowerCivil



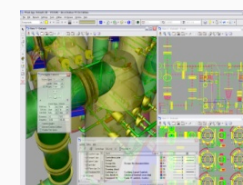
Generative Components



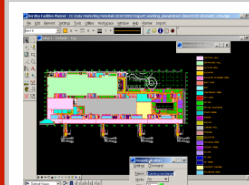
Bentley Architecture



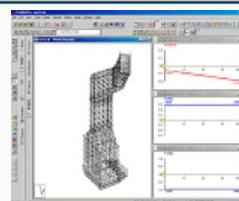
Bentley Structural



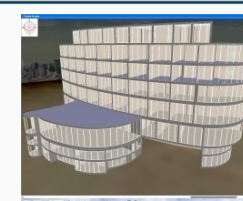
Bentley Mech. Systems



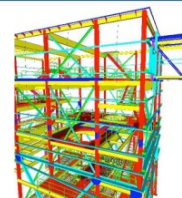
Bentley Facilities



Staad.Pro



Heavacomp



ProSteel



Bentley Elec. Systems



Solutions Bentley Energy Performances

Bentley[®]
Building **Mechanical** Systems

- Conception CAO pour projets HVAC (Chauffage, Ventilation, Climatisation, Plumbing)
- Module fonctionnant sur MicroStation

Bentley **HEVACOMP**

- Acquisition en 2008
- Conception et simulation énergétique et génération de certificats énergétiques

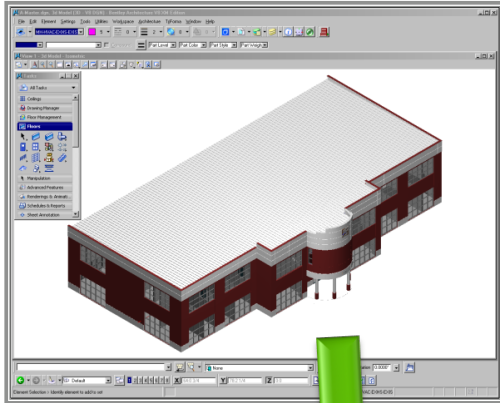
Bentley **Tas**

- Autre acquisition en 2008
- Modélisation /simulation énergétiques et thermique
- Calculs et prédiction de la consommation énergétique, des émissions CO2 et coûts opérationnels pour le confort climatique



- Conception et simulation énergétique et génération de certificats énergétiques

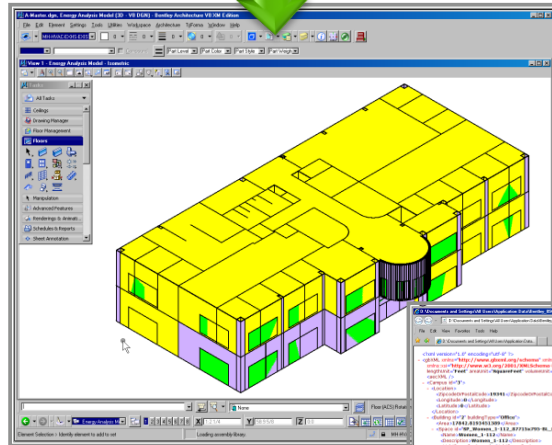
Bentley Energy Performances



Modèle BIM

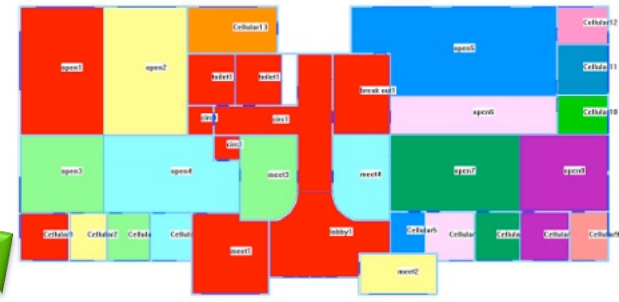
Bentley
Building Mechanical Systems

Energy
Certificates



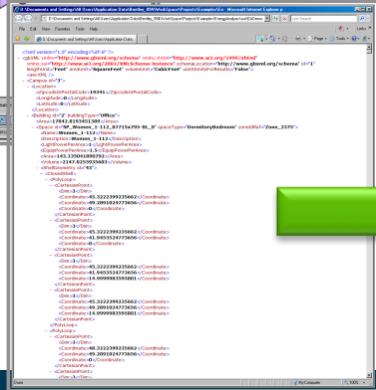
Bentley HEVACOMP

Analytical Space Model

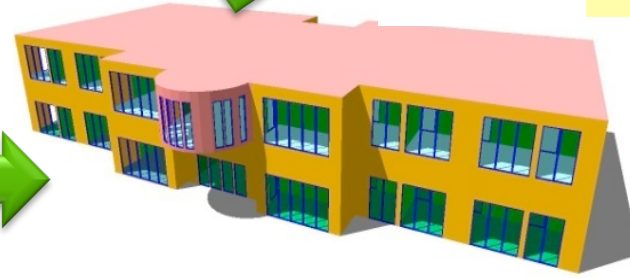


TAS spaces/zones

gbXML



Bentley Tas

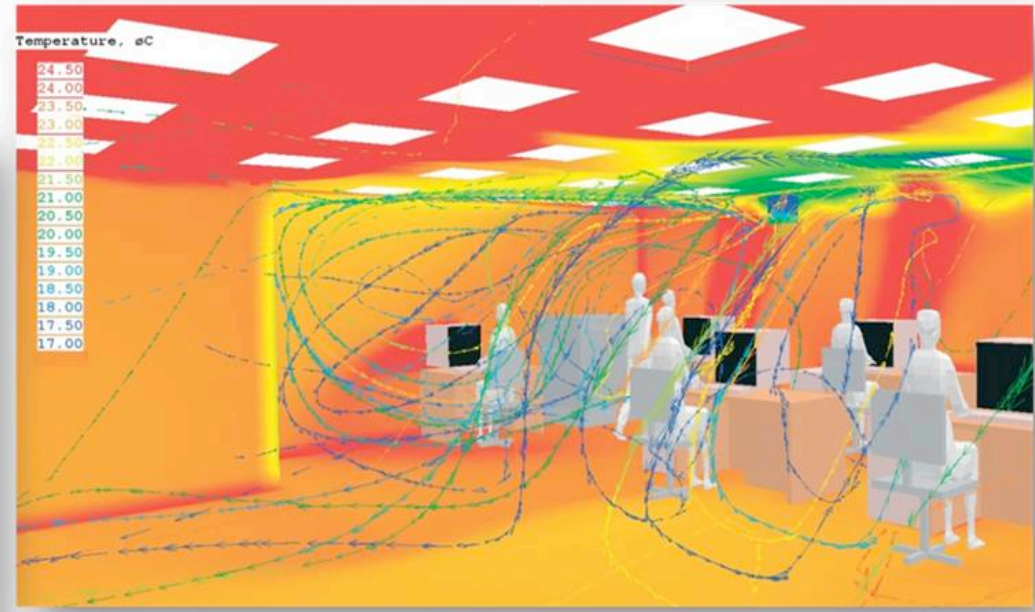
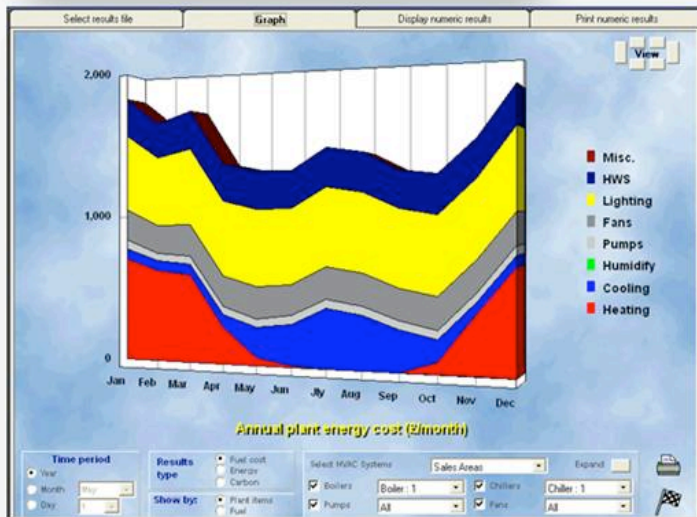
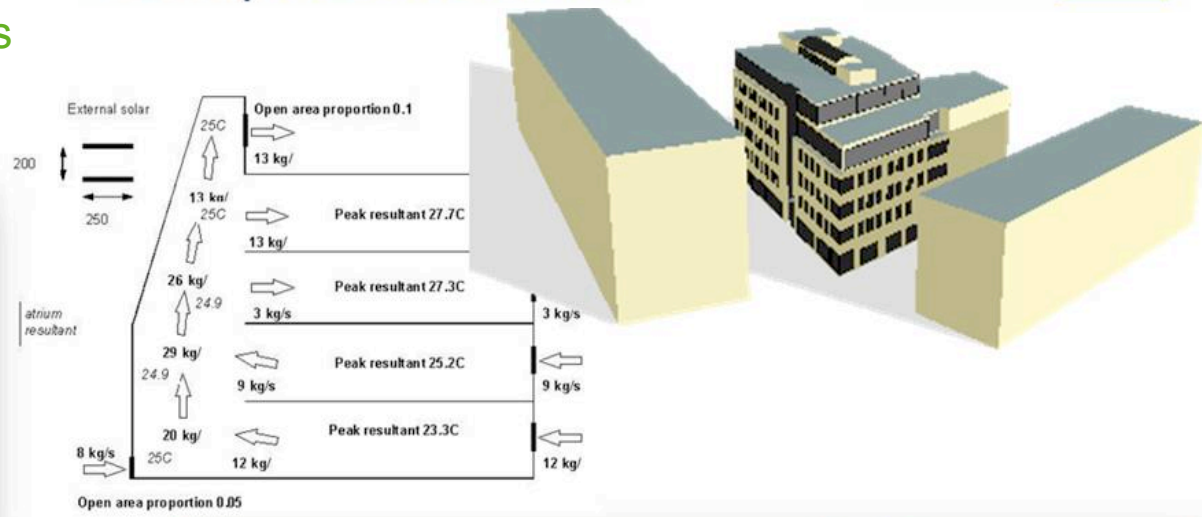
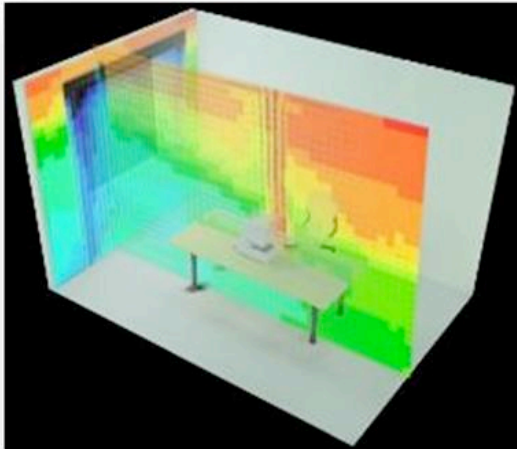


Bentley

Bentley® Building Mechanical Systems

Bentley® HEVACOMP

Bentley® Tas



Contact Bentley

- Pour toute information complémentaire, contacter :

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