



# California

AVA-Software by G&W

**A quick overview**

**The software for AVA  
and cost planning  
in the age of BIM**



## WHO USES CaliforniaX?



### Architectural and engineering offices, planners of all disciplines

The diversity of California users among planners is enormous. Among our successful customers are the following:

- Architects, interior designers
- Landscape architects
- Engineering offices - structural engineering, civil engineering, sewer construction, road construction, technical building equipment, plant construction, electrical engineering, supply and environmental technology
- General planners
- Planning offices of all kinds
- Project controllers
- Tender offices
- Construction management offices
- Construction accounting offices

... and all those who bear responsibility for their clients and need to keep an eye on costs.



### Municipalities and municipal enterprises

Today, California is in use in more than 500 large, medium and small municipalities and ensures the economic efficiency of construction and maintenance measures in all areas.

The following are among the office, department and company types benefiting from **CaliforniaX**:

- Building construction offices, civil engineering offices, road construction offices, parks offices, procurement offices, auditing offices
- Facility managements
- Public baths
- Environmental companies
- Urban drainage companies

... and all other areas where budgets are tight.



### Supply companies and waste management

In the energy and water industries, California today is the reference solution for construction and building maintenance. Users include both network operators and generators:

- Public and municipal utilities
- Local and nationwide energy supply and cross-connection companies
- Electricity, gas and water utilities
- Water and wastewater boards
- Public transport companies
- Telecommunications network operators
- Waste management

In times of regulated energy prices and pressure on water and wastewater charges, the economical construction and operation of networks and facilities is more important than ever.



### Companies with own construction

California is currently very important for the economic efficiency of construction and building maintenance, both for public and private companies.

- Industry and trade
- Banks and insurance companies
- Housing associations and real-estate companies
- Church and social institutions
- Educational institutions
- Turnkey construction companies

Property developers, medium-sized construction companies and craft enterprises are also currently using California successfully.



## WHICH SOLUTION IS RIGHT FOR YOU?

### 1. AVA - quick and easy

You want to tender, check offers, evaluate price comparison lists, check invoices, and all this with the convenience of electronic data exchange.

If so, we recommend our Package 1: LVE, REB, DAT

### 2. From the cost estimate to the cost statement

From the early-stage cost planning, followed by more precise cost calculations, tendering, awarding and invoicing, you manage your projects in full with ongoing cost control through to final documentation.

For this we recommend our Package 2: KOS, LVE, REB, PRO, DAT.

### 3. Project responsibility with high cost-planning requirements

From the initial cost planning through to cost determination, you manage your projects in full. The cost calculation should be prepared and documented transparently and precisely according to localities, service areas, cost groups and other criteria.

Here we recommend our Package 3: KOS, RGB, KTR, LVE, REB, PRO, DAT.

### 4. Cost planning in the BIM process

AVA and cost planning in the BIM process - the easy way from the digital building model to the invoiced project.

Automatically create in the BIM process the IFC-based commercial building model from the digital 3D building model with **CaliforniaX**.

**CaliforniaX** provides the costs based on geometry and execution - including a priced bill-of-quantities - and structured according to DIN 276.

For this we recommend our Package 4: KOS, BIM, RGB, LVE, REB, PRO, DAT.

### 5. Periodic services

You need AVA functionality, but also have many recurring measures including according to the framework agreement, e.g. maintenance cleaning work.

For this we recommend our Package 5: LVE, JLV, BPO.

### 6. Construction management in utility companies

For utilities there is the end-to-end **CaliforniaX** utility solution, which reflects the special requirements of the industry.

If needed it can include the appropriate ERP connection.

### 7. AVA4ERP

Proven connections to ERP systems such as CS.BAU, SAP, SLT.implast, etc.

### 8. Construction and building maintenance in the municipal sector

The **CaliforniaX** municipal package is the right solution for municipalities and municipal enterprises.

### 9. Construction and building maintenance in the housing industry

The **CaliforniaX** housing industry package is specially designed for companies in the housing and real-estate industry.

### 10. AVA4CLOUD The California of everywhere

Platform-independent mobile working. Access via browser technology.

Are your requirements non-standard? For this we offer the free packages.

Our editions offer you an optimal cost/benefit ratio.

Do you have any questions? If so, call us - we'll be happy to advise you!

# THAT IS CaliforniaX

## SIMPLE.

**CaliforniaX** combines performance and reliability with a user-friendly program interface. Our online GeWinare makes it easy to get started with the software.

**CaliforniaX** is a fast, convenient tool for classic AVA tasks as well as a holistic solution for cost planning, AVA and construction controlling – from the budget through to documentation of the completed project.

## FLEXIBLE.

Due to the modular concept you only buy what you really use. The flexible licensing model based on concurrent use ensures that you only pay for the licences you actually need.

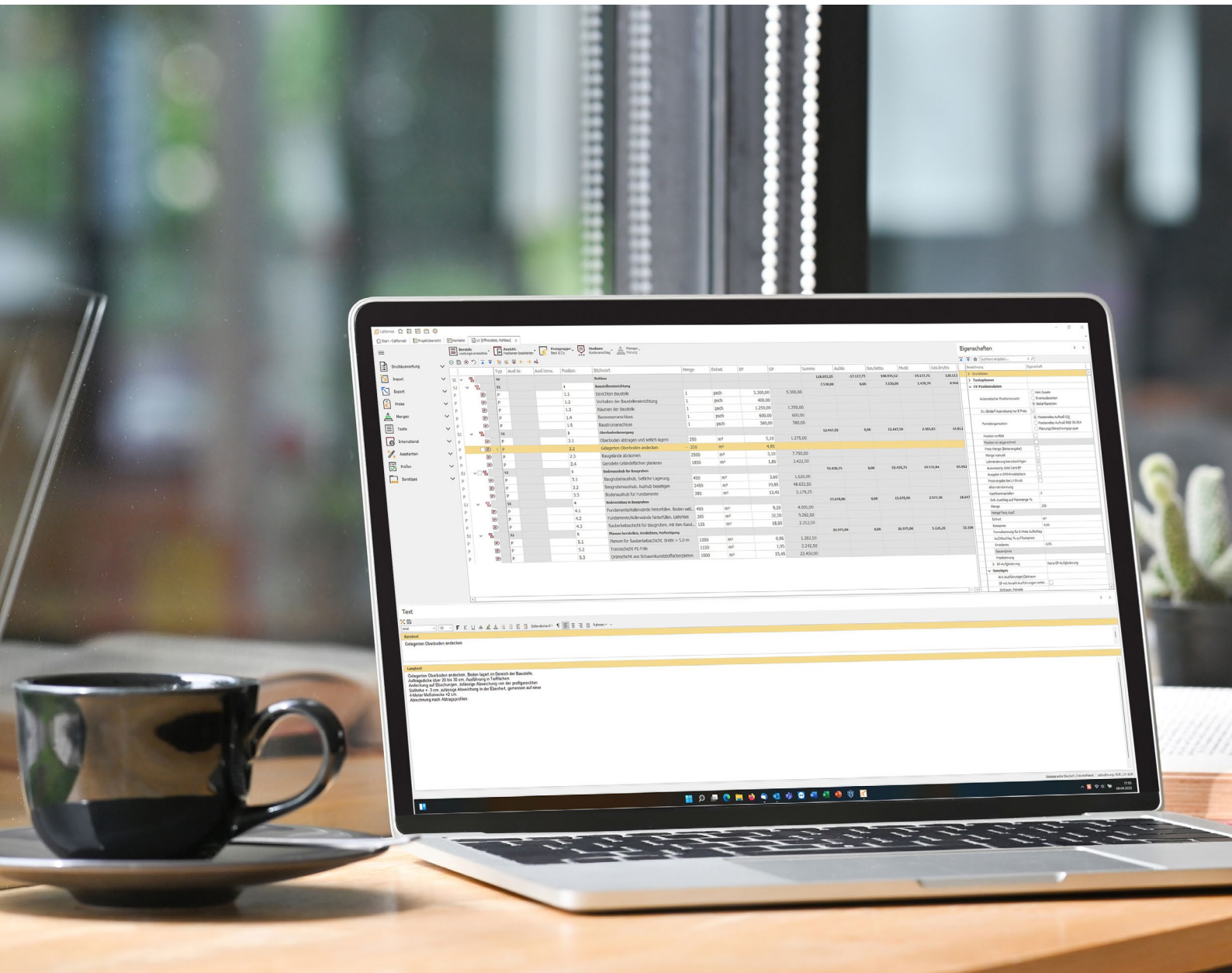
During short-term order peaks, you even have the option of renting licences for a limited period of time.

From the smallest Small Business Edition to the large Enterprise Edition, **CaliforniaX** adapts to your needs.

## SCALEABLE.

Whether a single workstation or network, distributed use via Citrix or Terminal Server or mobile working with AVA4CLOUD, California gives you the flexibility you need.

**CaliforniaX** is the economical solution for every corporate structure, including one-man operations and large planning offices, small municipal utilities and supra-regional suppliers, municipal and state capitals, and public- and private-sector construction departments.



## THAT IS G&W

G&W - Your partner for AVA and cost planning in the age of BIM.

Building software for planners and builders since 1982: Developed from practice, optimized together with you.

For over 40 years G&W's core competence has been the development, implementation and application support of flexible, integrated software solutions for cost planning, AVA and construction controlling.

Development, sales and support are all united under one roof at the company's headquarters in Munich. G&W's own branch offices in Essen and Berlin and a nationwide network of competent sales and service partners ensure comprehensive customer support.

If you plan, control or manage costs for construction or maintenance measures, if you tender services, award contracts, invoice measures or manage projects, then **CaliforniaX** is the perfect tool for your daily work.

Many thousands of customers currently place their trust in G&W:

- from newly founded one-man offices to large general-planning companies,
- from small communities to state capitals,
- from municipal utilities companies to energy supply companies,
- from housing bodies to churches, major banks and pharmaceutical companies.

With **CaliforniaX** you will demonstrably save time and money when it comes to all your construction and maintenance activities through optimized planning and monitoring processes.

### Focus on economic efficiency

Our goal is to support the profitability of our customers. With our know-how and California software we help to continuously improve the processes around planning, tendering, awarding and invoicing and to optimize the costs for construction and maintenance.

### Your time is getting shorter and shorter. Is your budget becoming tighter, too?

Only invest the time that is really necessary. And only spend the money that is actually necessary.





## CaliforniaX | AVA-SOFTWARE BY G&W

Good software is like a good suit - it shouldn't be too big, but also not too small, and shouldn't feel tight anywhere. In short, it should fit perfectly.

That's why **CaliforniaX** is modular and our editions offer the right solution for every need, size and budget. In other words, tailor-made solutions...

What sets **CaliforniaX** apart from traditional custom software, however is that California grows with your tasks.

## THE EDITIONS

### Small Business Edition (SBE)

**AVA for everyone  
Can do almost everything, costs  
almost nothing**

The especially good-value **CaliforniaX** Small Business Edition offers the full range of features of the Business Edition!

The only limitation: a maximum of 5, 10 or 20 building projects can be accessed simultaneously.

### Business Edition (BE)

**The standard for AVA, cost planning  
and construction controlling**

The **CaliforniaX** Business Edition is the professional solution for all offices that regularly perform tasks in the areas of cost planning, AVA or construction controlling and want to earn money with them.

Unlimited construction projects in the database provide direct access to all comparative objects for precise cost calculations and fast tenders.

### Enterprise Edition (EE)

**Company integration  
An investment that pays off**

The **CaliforniaX** Enterprise Edition is the integration solution for existing IT landscapes and business processes and also meets the highest requirements.

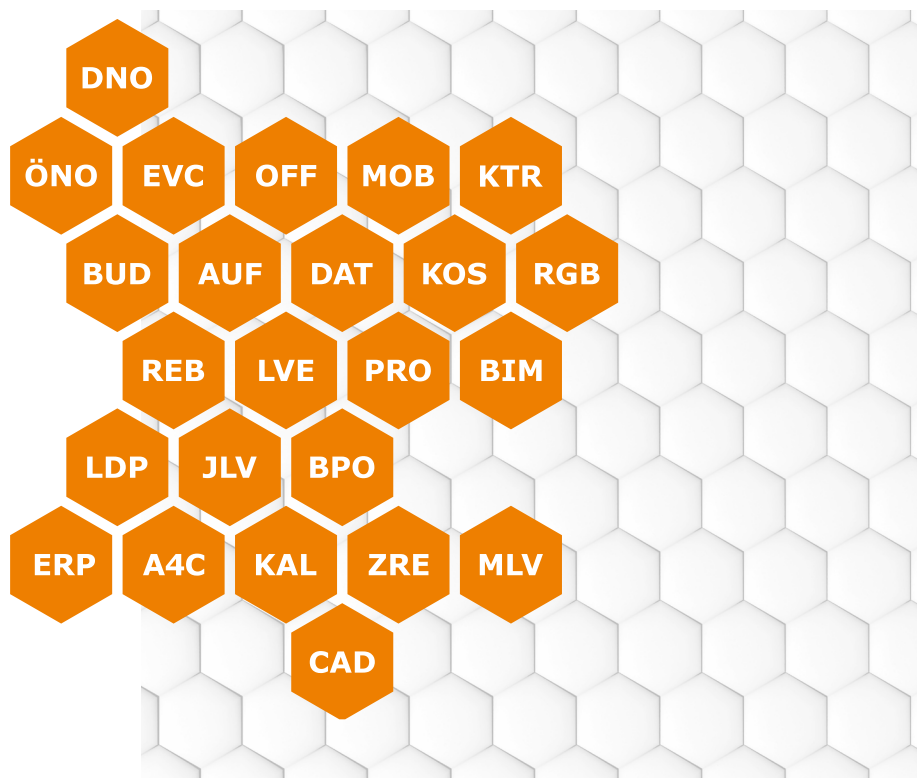
The Enterprise Edition can be used with an Oracle database as an alternative to MS SQL Server.

One of the special features is the multi-client capability.

For the Enterprise Edition we have created the first XML-based standard ERP connection, e.g. for SAP, Schleupen.CS, SLT.inplast, Navision, etc.

## THE MODULES

- LVE** Bill of quantities preparation, tender evaluation, price comparison, contract award
- JLV** Annual contract work, temporary contract
- AUF** Free quantity determination, measurement
- REB** Quantity determination and measurement REB 23.003, DA11, GAEB DA XML X31
- MOB** Mobile measurement
- PRO** Project monitoring, billing, cost control
- BUD** Budget monitoring
- KOS** Costing, cost documentation
- KTR** Cost and quantity splitting
- BIM** BIM2AVA, graphic quantity and cost determination from IFC and CPIXML files
- CAD** Connection to DBD-BIM
- RGB** Model-oriented cost planning, schedule of room and buildings, trench models
- DAT** Data exchange according to GAEB 90, GAEB 2000, GAEB DA XML certified
- KAL** Quotation costing
- OFF** Offers, offer solution for bidders, mobile bill of quantities
- EVC** E-tendering contract
- DNO** DATANORM import
- ÖNO** Data exchange according to ÖNORM
- BPO** Office and project organization  
The key to the EXCEL world
- MLV** Multilingual tendering, English interface
- ZRE** Access rights management
- LDP** LDAP connection, LDAPS
- ERP** ERP connection with AVA4ERP



## OUR CUSTOMERS ALSO USE:

- STL-Bau / Dynamische BauDaten
- STL-BauZ Zeitvertragsarbeiten
- DBD-BauPreise
- DBD-BIM Elements
- DBD-KostenKalkül
- SIRADOS Baudaten
- STLK
- BKI Kostenplaner
- Heinze Online
- Libero, Primo, Ponto, DIG-CAD
- card\_1 KOSTEN for AKVS 2014
- Bauzeitenplan, mobiles Bautagebuch
- ZEIT-DOKU
- Honorarabrechnung
- and others

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