

CSK- CAD Systeme Kluwetasch

CSK

» **moveforward**
with the New **CADSTAR**
Take Care Bundles



Services aus einer Hand
Karl- Heinz Kluwetasch

- Due to the economic climate investments are difficult and budgets are tight
- Therefore Zuken is offering you help
- Not only by offering you an excellent SCM & PCB design solution
- But as well ensuring your long term investments in the software are taken care of:
 - Being a strong reliable partner since years and in the future
 - By continued development, delivering regular updates and new features in the software
 - By development being driven by customer base (we do listen)
 - But as well 24 hour on-line support along with excellent support from your local help desk
 - Or 24 hour on-line access to over **250.000** CADSTAR parts available for download
 - And although our software is ready to start, if training is required we can offer this

The convenience you need, the care you deserve!



CADSTAR Take Care offers



Kynetic – less than €16 per day

- 1 or 3 years software upgrades
- Technical support
- Access to online libraries
- Design Migration
- Schematic Design
- Library Editor
- ODBC database support
- Library Datasheet Publisher
- Variant Manager
- PCB Design Editor (unlimited)
- Place & Route Editor
- Unlimited layers manual route
- Unlimited layers auto route
- Lengthening
- Rules by Area
- EMC Adviser
- Design Viewer (free download)
- Node-locked license

Dynamic – less than €9 per day

- 1 or 3 years software upgrades
- Technical support
- Access to online libraries
- Design Migration
- Schematic Design
- Library Editor
- ODBC database support
- Library Datasheet Publisher
- Variant Manager
- PCB Design Editor (2000 pins)
- Place & Route Editor
- Unlimited layers manual route
- 6 layers auto route
- EMC Adviser
- Design Viewer (free download)
- Node-locked license

Lite – less than €2 per day

- 1 or 3 years software upgrades
- Technical support
- Access to online libraries
- Design Migration
- Schematic Design
- Library Editor
- ODBC database support
- Library Datasheet Publisher
- PCB Design Editor (2000 pins)
- Place & Route Editor (interactive)
- Unlimited layers manual route
- Design Viewer (free download)
- Node-locked license

Additional Options

Schematic

Less than €2 per

PP

Less than €4 per day

SIV

Less than €22 per day

Dragon Router

Less than €15 per day

FPGA

Less than €2 per day

CB

Less than €1 per day

HSpeed

Less than €7 per day

PIA

Less than €22 per day

3D

Less than €7 per day

IDF

Less than €2 per day

CADSTAR Take Care offers



Make your choice:

CADSTAR KYNETIC

Special offer for only:
Less than €16/per day

1 or 3 years Upgrades & Support included
(up to your choice)

CADSTAR Kynetic Bundle
The Convenience You Need, The Care

For less than 16€ per day* you will get.

The advertisement features a white box with 'CADSTAR' and 'price/performance PCB design' on the top half, and 'M ZÜRICH' on the bottom half. The background is a yellow-to-white gradient.

[Click here for more information](#)

[Price Matrix](#)

[Optional](#)

[T&C's](#)

[Click here for more information](#)

CADSTAR DYNAMIC

Special offer for only:
Less than €9/per day

1 or 3 years Upgrades & Support included
(up to your choice)

CADSTAR Dynamic Bundle
Takes Care of You

For less than 9€ per day* you will get.

The advertisement features a white box with 'CADSTAR' and 'price/performance PCB design' on the top half, and 'M ZÜRICH' on the bottom half. The background is an orange-to-white gradient.



**Offer is valid until 31st March 2011*

CADSTAR Kynetic/ PC-6211-X-01

Available from
CADSTAR 12.1 on



- CADSTAR Kynetic Node-locked offering:

**Less than
€16/day**



CADSTAR Kynetic - Unlimited number of pins, unlimited number of layers for manual (interactive) and auto routing

- Schematics
- Library Editor/**ODBC database support** 
- Datasheet Publisher
- PCB Design Editor
- Place & Route Editor
- **Lengthening** 
- Rules by Area

CADSTAR EMC Adviser 
CADSTAR Variant Manager

Migration from your existing platform PADS, OrCAD, PCAD or Protel

- 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

1 year maintenance included €12,000

3 years maintenance included €15,000

Choice



Optional

T&C's

CADSTAR Dynamic/ PC-6210-X-01

Available from
CADSTAR 12.1 on



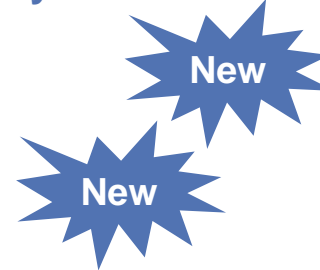
- CADSTAR Dynamic Node-locked offering:

Less than
€9/day



CADSTAR Dynamic - Maximum 2000 pins, **6 layer router** and unlimited number of layers manual (interactive) route

- Schematics
- Library Editor/**ODBC database support**
- **Datasheet Publisher**
- PCB Design Editor
- Place & Route Editor



CADSTAR EMC Adviser



CADSTAR Variant Manager
Migration from your existing platform PADS, OrCAD, PCAD or Protel

– 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

1 year maintenance
included €6,700

3 years maintenance
included €8,000

Choice



Optional

T&C's

CADSTAR Lite/ PC-6200-01

Available from
CADSTAR 12.1 on



**Less than
€2/day**

- CADSTAR Lite Node-locked offering:
 - CADSTAR Lite - Maximum 2000 pins and unlimited number of layers manual route
 - Schematics Editor
 - Library Editor/**ODBC database support**
 - **Datasheet Publisher**
 - PCB Design Editor
 - Place & Route Editor



Migration from your existing platform PADS, OrCAD, PCAD or Protel

- 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

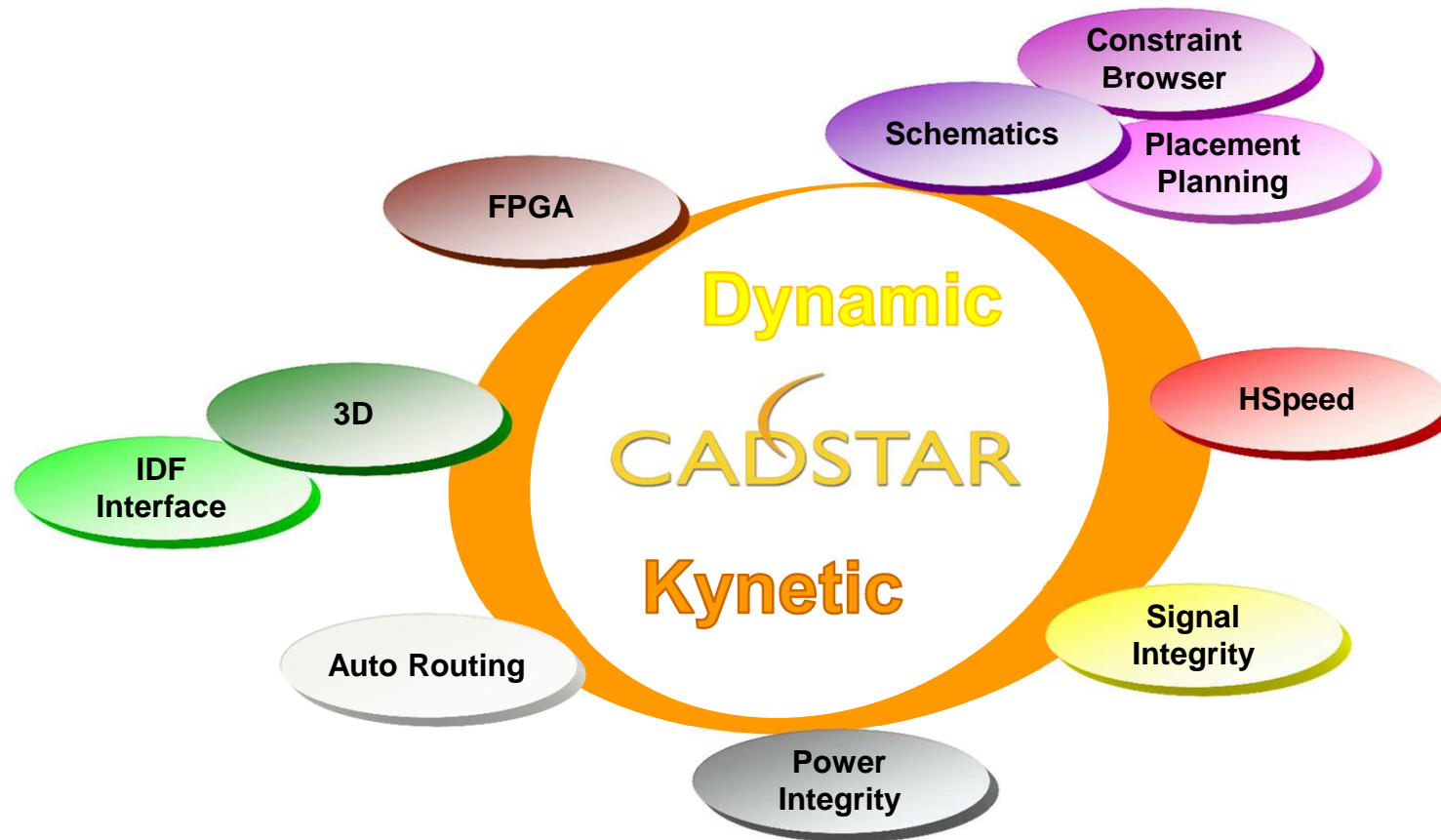
1 year maintenance included €1450

3 years maintenance included €1800

Optional

T&C's





Schematics + Var

Schematics (+ Var)/ PC-6209-X-01



Available from
CADSTAR 12.1 on



- CADSTAR Schematics (Node-locked) offering additional seats:

**Less than
€2/day**

- A highly integrated front-end solution, providing a smooth and error-free transition between schematics and PCB, easy to learn and use for both occasional and frequent users
 - Forward & back annotation
 - Hierarchical design
 - Signal sheet references
 - Intelligent busses
 - Auto connect
 - Component version control
 - Design reuse
 - Library Editor/ODBC database support
 - Intelligent PDF output
- **Variant Manager**
- 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

**1 year maintenance
included €936**

**3 years maintenance
included €1,125**

Optional



Optional

T&C's

Constraint Browser/ CB/ PC-6206-X-01



Available from
CADSTAR 13.0 on



- Prerequisite: CADSTAR Schematics
- CADSTAR Constraint Browser (Node-locked) offering:
 - A fully integrated constraints-driven design methodology for electronic engineers defining constraints early in the design process
 - Easy to use spread-sheet-like GUI
 - One constraints database, shared by all applications throughout the design flow
 - Consistent data management between Schematics, PCB and Place & Route Editor HS, SIV & PIA to meet high-speed performance requirements
 - Cross probing
 - 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

**Less than
€1/day**

**1 year maintenance
included €575**

**3 years maintenance
included €650**

Optional



Optional

T&C's

Placement Planning/ PP/ PC-6208-X-01



Available from
CADSTAR 12.1 on



- Prerequisite: CADSTAR Schematics
- CADSTAR Placement Planning (Node-locked) offering electronic engineers:
 - Unlimited number of pins
 - Placement of critical components
 - Setup the correct layer-stack
 - Defining route widths, design rules, spacing classes etc.
 - Easy viewing, reviewing, cross probing and sharing of schematic and PCB design data
 - Arrange Components (auto placement)
 - Replicate Placement (multiple channels)
 - Reuse blocks
- 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

**Less than
€4/day**

**1 year maintenance
included €3,449**

**3 years maintenance
included €3,899**

Optional



Optional

T&C's

HSpeed/ P.R.Editor XR5000

HSpeed/ PC-U811-X-01



**Less than
€7/day**

- Prerequisite: CADSTAR Kynetic
 - Customers having Dynamic in place must first upgrade to Kynetic (for the price difference)
- In addition to Kynetic the HS (Node-locked) is offering:
 - A wide range of circuit rules and routing constraints that you can set early in the design process to ensure your designs are implemented correctly first time, every time
 - These rules and constraints include: Rules by Area, Min and max length and delay constraints, Differential pairs, Skew constraints, Controlled stub-lengths, Maximum crosstalk limits, Route shielding, Daisy chain routes, Impedance controlled routing, Interactive length and skew control to maximize available real-estate
 - 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

1 year maintenance included €5,422

3 years maintenance included €6,097

Optional



Optional

T&C's

Auto Routing/ Dragon Router/ PC-6093-X-01



- Dragon Router (Node-locked) offering:
 - A Routing Strategy Environment (RSE) allowing easy setup and control of all of the routing tools
 - A Routing Consultant to guide users through an optimal routing process. It analyzes designs for potential routing problems and suggests a routing strategy for best results
 - New innovative routing algorithms, including a new tuned native 45-degree autorouter for single traces, new native 45 degree Differential Pair autorouter for routing differential pairs in order to minimize skew and uncoupled length
- 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

**Less than
€15/day**

**1 year maintenance
included €11,500**

**3 years maintenance
included €13,000**

Optional



Optional

T&C's

Signal Integrity/ SI Verify/ PC-6091-X-01



- SI Verify (Node-locked) offering:
 - A seamlessly integrated complete signal integrity simulation toolset
 - The Constraint Manager as design navigation cockpit to launch a simulation for selected areas of the board
 - Evaluation of the electrical performance, analyze reflection and crosstalk effects and calculate the relevant interconnect timing information, perform what-ifs with regard to changes of the layer stack, different track widths, track-to-track spacing
 - Definition of complex stimulus information driving the simulation including digital, analog and pseudo random patterns. It is possible to view the results in time and frequency domain, results can easily be stored, archived or documented
 - 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

**Less than
€22/day**

**1 year maintenance
included €18,676**

**3 years maintenance
included €21,789**

Optional



Optional

T&C's

Power Integrity Advance/ PIA/ PC-6205-X-01



Available from
CADSTAR 12.1 on



- Power Integrity Advance (Node-locked) offering:
 - Power Integrity, EMC and DC Simulation
 - Ensure proper behavior of power distribution systems (PDS) by simulations for power integrity (PI), decoupling analysis, DC voltage and current levels
 - Fast full board EMC screening (differential and common mode emissions)
 - Possibility to reduce the number of decoupling capacitors on a design
 - Assigning correct value to the capacitors and determine correct capacitor values
 - Indicate quality of placement location, value and trace/via connection (parasitic inductance)
 - Display of voltage maps within physical layout to highlight likely hotspots
 - 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

**Less than
€22/day**

**1 year maintenance
included €18,676**

**3 years maintenance
included €21,789**

Optional




Optional

T&C's

3D - BoardModeler Lite/ BML/ PC-6094-X-01



**Less than
€7/day**

- BoardModeler Lite (Node-locked) offering:
 - Back-annotation of newly imported or modified board shape, height areas and component placement data into Design Editor
 - Import new board outlines to meet the MCAD design
 - Easy control icons allowing you to select the sub-set of your design in the 3D environment to perform any necessary operations on separate elements, like moving components or running on-line or batch collision checks between components, board and case and to view the individual collisions and make placement changes to resolve them
 - Detailed 3D models representing the components
 - **3D model wizards**  *Available from BML 5.2 on*
 - 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

**1 year maintenance
included €4,541**

**3 years maintenance
included €6,623**

Optional



Optional

T&C's

Intermediate Data Format/ IDF/ PC-6207-X-01



Available from
CADSTAR 13.0 on



- IDF interface (Node-locked):
 - Supporting IDF 2.0 & 3.0
 - Bi-directional IDF interface enables the physical aspects of the design to be viewed, checked and modified within your MCAD System
 - Supporting board outline, component placement, areas (e.g. height areas) and holes (Plated and Non-plated) to meet the CAD design
 - Reducing the number of unnecessary iterations between departments
 - 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

**Less than
€2/day**

**1 year maintenance
included €1,150**

**3 years maintenance
included €1,300**

Optional



Optional

T&C's

FPGA Design/ AC-DL-LITE-N/ FPGA/ PC-6402-X-01



**Less than
€2/day**

- CADSTAR FPGA (Node-locked) offering:
 - A new collaborative product, combining ACTIVE-HDL Lite and CADSTAR in one universal project manager
 - No more manual creation of a matching description of the FPGA to use in the PCB design or physical design
 - Vendor independent FPGA design flow manager allows integrating and running any synthesis and implementation tool
 - Graphical design entry tools mixed VHDL and Verilog simulation and verification, project management
 - 1 or 3 years upgrades included, 1st line technical support & access to the online libraries

**1 year maintenance
included €1,294**

**3 years maintenance
included €1,632**

Optional



Optional

T&C's

Price matrix CADSTAR product portfolio



Product Number	CADSTAR	1 year maint. Included	3 years maint. Included	Annual Maintenance renewal after X year
PC-6211-X-01	Kynetic	€ 12.000	€ 15.000	€ 2.984
PC-6210-X-01	Dynamic	€ 6.700	€ 8.000	€ 1.284
Product Number	Optional	1 year maint. Included	3 years maint. Included	Annual Maintenance renewal after X year
PC-6209-X-01	Schematics (+Var)	€ 936	€ 1.125	€ 189
PC-6206-X-01	CB	€ 575	€ 650	€ 75
PC-6208-X-01	PP	€ 3.449	€ 3.899	€ 450
PC-U811-X-01	HSpeed	€ 5.422	€ 6.097	€ 675
PC-6091-X-01	SI Verify	€ 18.676	€ 21.789	€ 3.113
PC-6205-X-01	PIA	€ 18.676	€ 21.789	€ 3.113
PC-6093-X-01	Dragon Router	€ 11.500	€ 13.000	€ 1.500
PC-6094-X-01	BML*	€ 4.541	€ 6.623	€ 1.041
PC-6207-X-01	IDF	€ 1.150	€ 1.300	€ 150
PC-6402-X-01	FPGA*	€ 1.294	€ 1.632	€ 169

All prices include 1 or 3 years upgrades, 1st line technical support and access to the online libraries.

All licenses are node-locked and network licenses are available at +30%.

Offer is valid until 31st March 2011. all prices without tax net

Optional

T&C's

Choice



Secure your EDA investment NOW and enjoy 3 years maintenance for the price of 2 *except BML and FPGA

CSK- CAD Systeme Kluwetasch

Für Fragen und weitere Informationen
Stehen wir Ihnen gerne zur Verfügung.

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Vielen Dank für Ihre Aufmerksamkeit.
Karl- Heinz Kluwetasch

