



Ucamco 

**Jayda: your accurate
fast-response web engine**



**Highly responsive, ultra-fast
data input and analysis
sales tool**

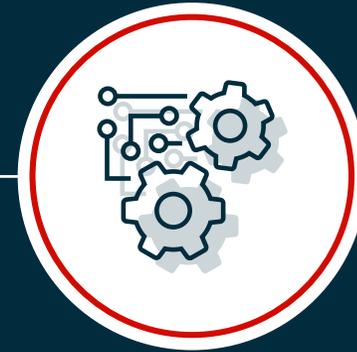
Server-based software solution for



**Reading in PCB
lay-out data**



**Progressively
extracting key
PCB
characteristics**



**Storing info in
easy-to-access
data vault**

Hi, my name is Jayda

- + Interactive webshop for external and internal users
- + Ultra-fast, highly responsive
- + Library of graphical web components
- + REST API for easy integration
- + Cloud-compatible
- + Peak load management



Data flow

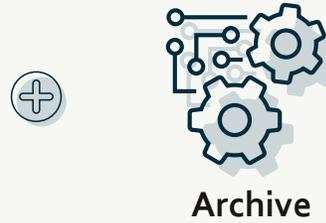


2. Configuration

PCB quantity: 10
Lead time: 2 working days
Soldermask color: green
Surface finish: Electroplated Gold – Soft Gt
Legend color: white
PCB thickness: 1.6

| Function | Material |
|------------|----------|
| paste | Paste |
| legend | Silk1 |
| soldermask | Mask |
| outer | Top |
| inner | Bot2 |
| outer | Bot0 |
| soldermask | Mask |
| legend | Silk0 |
| paste | Paste |
| mechanical | ext0 |

| Layer | Count | Material |
|------------------|-------|----------|
| Copper layers | 4 | |
| Mask layers | 2 | |
| Legend layers | 2 | |
| Carbon layers | 0 | |
| Pentable layers | 0 | |
| Unit size X | 60.96 | mm |
| Unit size Y | 33.02 | mm |
| Holes | | |
| Plated holes | 200 | |
| Non-plated holes | 10 | |



Jayda Server
Archive input
Key data extraction
Ylise
#coppers | #solder masks
PCB Size | Smallest PTH dia
#PTH drill holes

Elea web components

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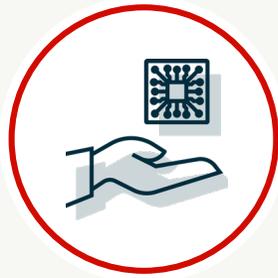
Jayda Database

Customer Quotation Engine

Time elapsed: 21s

| Prices | Net | Gross |
|--------------|----------|----------|
| Single PCB | 14.23 € | 17.22 € |
| Total boards | 139.45 € | 168.74 € |

Enhance your near-real-time applications



Rich web pages

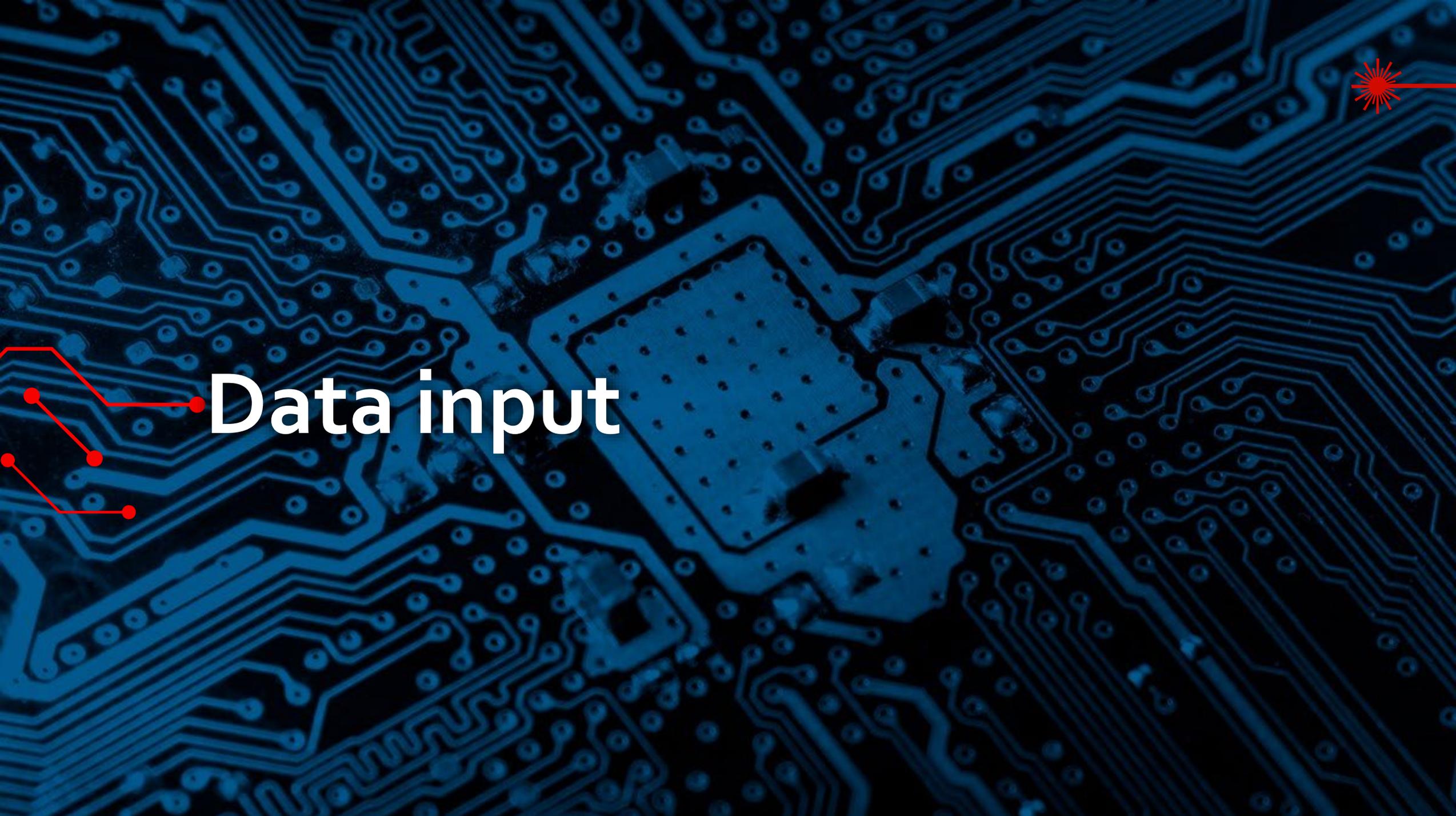
Showing
live/dynamic PCB
image data and
functionality



Quotation engines



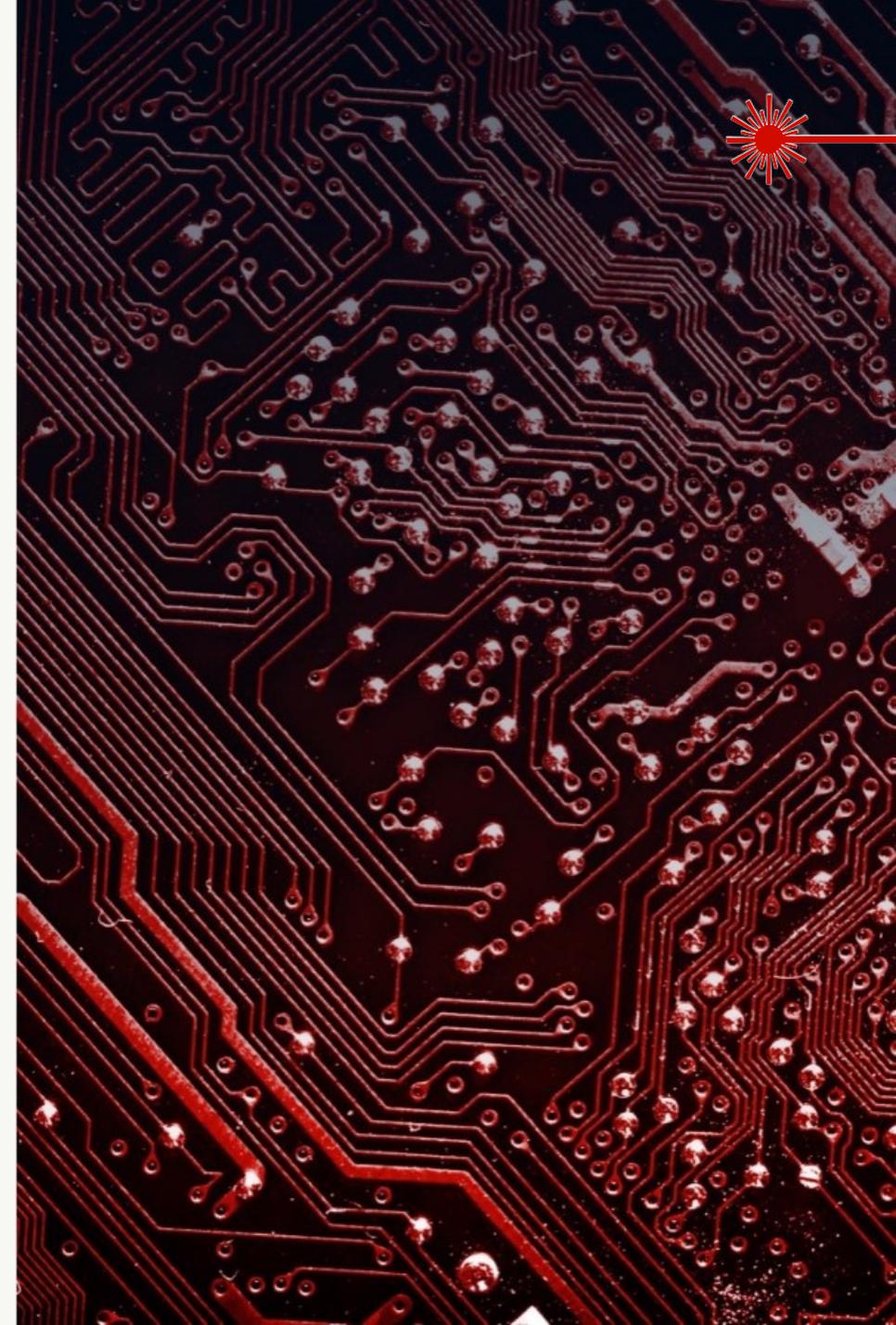
Online web shops



Data input

Smooth procedure

- + Speed-optimized input of all PCB lay-out formats
- + Built-in intelligent, highly efficient stack-up engine
- + AI: qualitative parameter determination
 Ylise
- + Analysis results stored in database
- + Early transfer of partial results – no waiting feeling

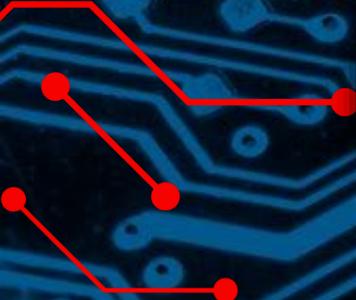
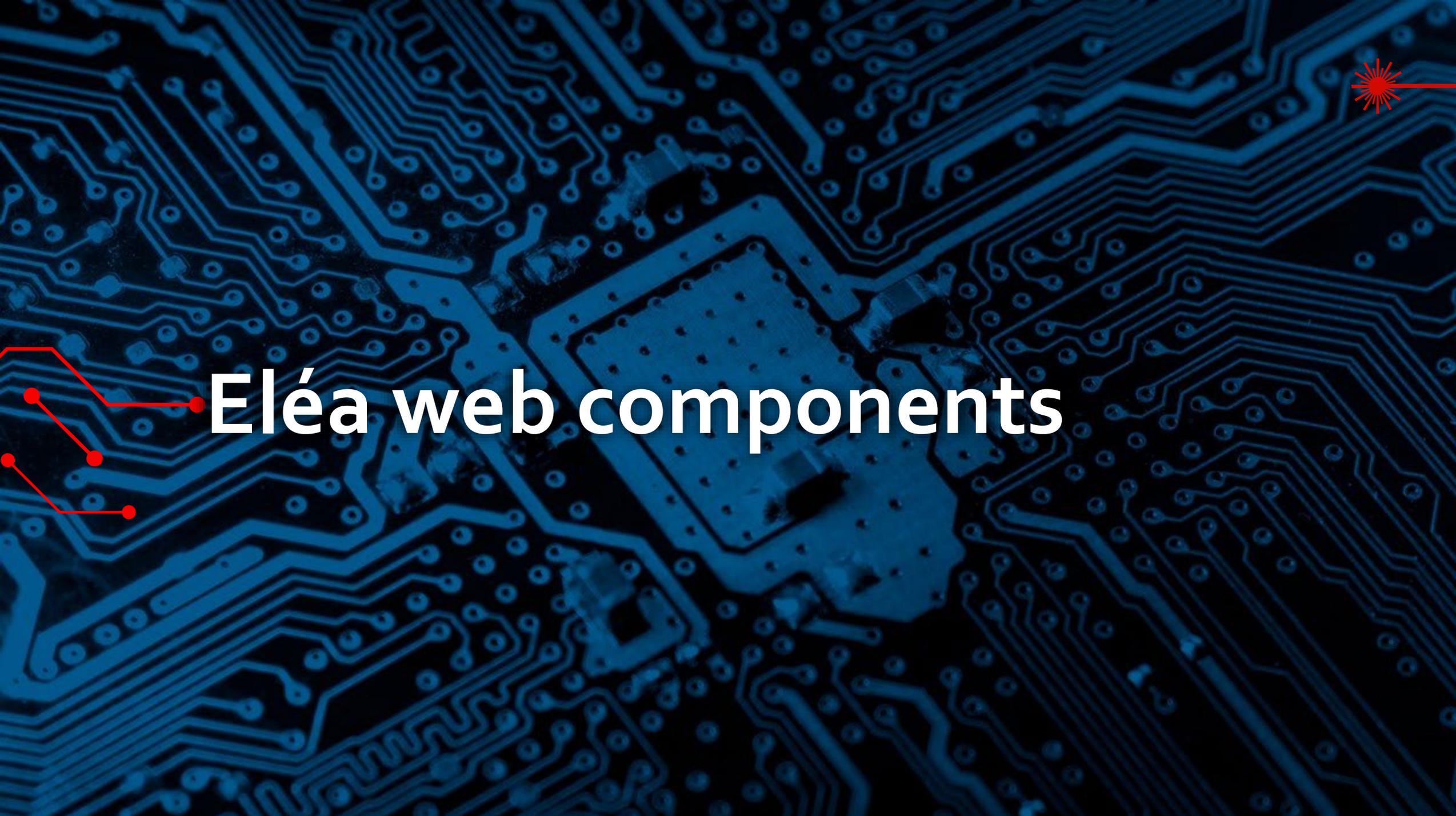




Jayda highlights



- Highly responsive data input and analysis
- Interactive webshop with progressive result gathering
- Smoothens out ambiguities (no endless back-and-forth communications with end-customer)
- Higher quote-to-order conversion
- Best-in-class stack-up engine with unsurpassed first-pass hit rates at record speed



Eléa web components

Eléa web components



Graphic elements visualizing Jayda data



Web components for viewing and editing



Configurable look-and-feel to match corporate image



Continually growing



Easy to integrate: 1 line into your html code

```
<div class="row content-inner">
  <div id="center_column" class="center_column col-xs-12 col-sm-12 col-sm-push-0">
    <link href="/index_files/css" rel="stylesheet">
    <div class="clearfix">
      <!-- Elea Components -->
      <div class="componentscontainer">
        <div id="logincontainer">
          <ucamco-wellogin id="mylogin" groupid="mycomponentgroup"></ucamco-wellogin>
        </div>
        <div id="jobscontainer">
          <ucamco-wejobqueue id="myjobqueue" groupid="mycomponentgroup"></ucamco-wejobqueue>
          <ucamco-maindrawingarea id="mydrawingarea" groupid="mycomponentgroup"></ucamco-maindrawingarea>
          <ucamco-layerstructure id="mylayerstructure" groupid="mycomponentgroup"></ucamco-layerstructure>
          <ucamco-wejobparams id="myjobparams" groupid="mycomponentgroup"></ucamco-wejobparams>
        </div>
      </div>
    </div>
    <div class="alert">
      <span class="closebtn" onclick="this.parentElement.style.display=none;"></span>
      25% Discount on all Circuit Boards for New Clients !
    </div>
    <div id="iqitcontentcreator" class="block">
      <div
        class="row iqitcontent_row iqitcontent-element first_rows iqitcontent-element-id-11 " >
        <div
```

The screenshot shows a web application interface. At the top, there is a table with columns: ID, Owner, Original data, Location, Progress, Priority, Submit time, and Start time. The table contains several rows of task data. Below the table, there is a CAD viewer interface showing a 3D model of a circuit board. The interface includes a 'Real view' checkbox and a 'Renamed' list with various components like 'paste', 'legend', 'soldermask', 'outer', 'soldermask', 'legend', 'paste', and 'mechanical'. The 'Unit size' is set to 34.00 x 47.00 mm. The CAD viewer also shows various layer settings like '# Copper layers', '# Soldermask layers', '# Legend layers', '# Carbon layers', and '# Peelable layers'.



Jayda fills your web page live

Your customer will never have the feeling to be waiting





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