

Solution Detail Page Software

SBU	ITS
Content Owner	Gabriele Posvek

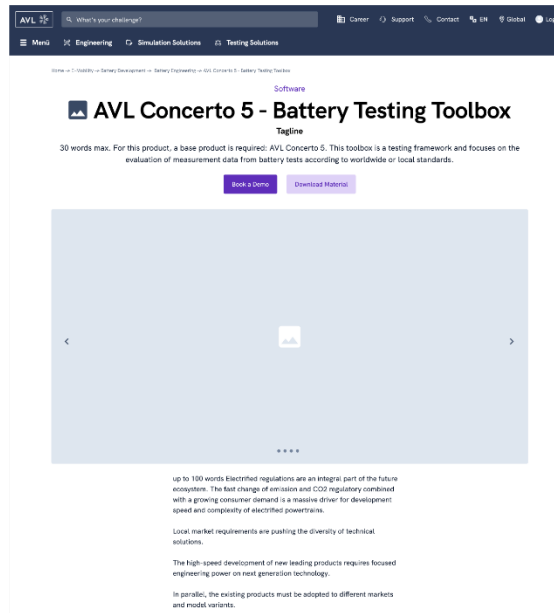
[Click here to view the full template](#)

Note: Other information like metadata, tags, etc. to follow.

Specifications	Screenshot	Your Website Content (replace the placeholder text here)
-----------------------	-------------------	---

Header

- **Solution Type** - here "Software"
- **Software name** – do not state the words "software" or "solution" or any adjectives in the title, but just the name, if the solution type is typed above anyway. The name has of course a certain length, but make sure to not lengthen it unnecessarily (max. 10 words)
- Tagline if available
- **Short description** of the software - here is the place to state what the service is all about and what it helps with, adjectives can be used as well. This would be the short text to generate initial interest "hook" (30 words max)
- **Call to action (CTA=buttons):** "book demo" that leads to a contact form or "download material" that scrolls to the download section
- **Image/s and/or video** - one main image or video and an optional media gallery with other images if available
- **Page intro (up to 100 words)** - Explains the area/topic of the service in a broader context, stating the challenges companies face and the importance of tackling those with this service presented here (100 words max). Users should learn about the solution and what to expect on this page.



AVL Concerto 5 - Battery Testing Toolbox

Software

Tagline

30 words max. For this product, a base product is required: AVL Concerto 5. This toolbox is a testing framework and focuses on the evaluation of measurement data from Battery tests according to worldwide or local standards.

Book a Demo Download Material

up to 100 words Electrified regulations are an integral part of the future ecosystem. The fast change of emission and CO2 regulatory combined with a growing consumer demand is a massive driver for development speed and complexity of electrified powertrains.

Local market requirements are pushing the diversity of technical solutions.

The high-speed development of new leading products requires focused engineering power on next generation technology.

In parallel, the existing products must be adapted to different markets and model variants.

AVL PUMA 2™ Inverter

https://projects.avl.com/21/0212/05/Data_Exchange/ITS_/All%20Testing%20products%20and%20software/AVL_%20PUMA%202%20Battery/GL_ITS_Image_PUMA%202%20Software%20Icon_11.15.png

The ease of automation

AVL PUMA 2™ Inverter is a comprehensive automation system for inverter testing, offering everything you need in one place (Note: this is the meta description)

CTA 1: Get in touch -> see info @ Contact Section

CTA 2: Download material -> see info @ Download Section

Add in here the image/s, video (link to file storage):

https://projects.avl.com/21/0212/05/Data_Exchange/ITS_/All%20Testing%20products%20and%20software/AVL_%20PUMA%202%20Inverter/GL%20ITS_PUMA%202%20Inverter_EMotor_%20Europe%20Map_Video_10.20.mp4

AVL PUMA 2™ Inverter is our leading automation system to test and validate inverters. The inverter is the prerequisite to efficiently operate an e-motor in a closed loop control scheme.

Our tailored solution features an outstanding intuitive user interface displaying all important values at a glance. You can easily integrate the automation software into existing AVL test fields, allowing data to be shared across different testbed types and configurations.

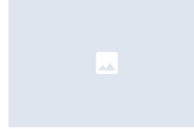
Why-Section (100 words max)

Describe the challenge the client is facing in a story - the reason why this service exists, what guided you in creating it, which challenges it helps to master.

Not only paragraph text can be used here, but also bullet points, lists (1, 2, 3...).

You can also use between 2 and 8 **small paragraphs** to talk about some important topics that can be quickly read by users since they each have a small headline and tiny paragraph (max. 20 words each, keep them at approximately same length).

Why You Should Use Our Battery Testing Toolbox



100 words The battery cell is the most important component in the electric powertrain, both in terms of cost and performance. To ensure affordable and durable battery packs for electric vehicles, it is vital for you to master the electrochemical processes occurring within the cell.

To achieve this goal, it is crucial for you to conduct reliable cell testing. This lets you properly characterize cells, but has challenges of its own. You need high performance testing equipment that provides accurate and repeatable test data. Large testing capabilities are required, which come with expensive operating costs. And finally, your test infrastructure must be flexible enough to adapt to new cell types, dimension or chemistries.

To help you realize your goals and tackle these challenges, we have created the AVL Cell Tester™.

Engineering & Integration

20 words Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.

Engineering & Integration

20 words Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.

Engineering & Integration

20 words Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.

Engineering & Integration

20 words Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.

Engineering & Integration

20 words Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.

Engineering & Integration

20 words Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.

Why You Need PUMA 2 Inverter

Add in here the image (link to file storage):

https://projects.avl.com/21/0212/05/Data_Exchange/ITS/All%20Testing%20products%20and%20software/AVL%20PUMA%202%20Inverter/GL ITS Photo PUMA%202%20Inverter_3_10.19.jpg

Mobility is undergoing its biggest changes since the invention of the automobile. Makers of today's electrified powertrains are looking to integrate drive inverters as key components of electrical powertrain systems.

Our complete integrated solution covers all inverter testing requirements that arise from automation, limit monitoring and measurement. Furthermore, easy parameterization and online operation of the AVL E-Motor Emulator™ (E-ME) leads to most efficient inverter testbed operation.

Challenge Highlight No. 1

20 words each - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.

Challenge Highlight No. 2

20 words each - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.


Challenge Highlight No. 3

20 words each - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.

Challenge Highlight No. 4

20 words each - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.

Challenge Highlight No. 5

		<p>20 words each - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.</p> <p>Challenge Highlight No. 6</p> <p>20 words each - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est.</p>
<p>How our software works (80-100 words)</p> <p>Here, the software is described in detail. You can use paragraph text (ca. 550 characters or 80 words) with or without bullet points and an image.</p>		<p>How our Software PUMA 2 Inverter Works</p> <p>Add in here the image (link to file storage):</p> <p>https://projects.avl.com/21/0212/05/Data_Exchange/ITS/All%20Testing%20products%20and%20software/AVL%20PUMA%20%20Inverter/GL_ITS_Photo_PUMA%20%20Inverter_10.19_web.jpg</p> <p><i>Real-time data collection and fast access to all measurement devices and test cell facilities guarantee reliable and consistent measurement results. But the key advantages of PUMA 2 Inverter lie in its ease of use.</i></p> <p><i>Graphical parameterization simplifies the definition of test cycles, and the centralized management of users, projects and quantities puts everything you need in one place. The system can be integrated with more than a hundred different measurement devices, including tools from third party suppliers. Last but not least, the built-in Device Driver Studio offers almost limitless compatibility with other systems.</i></p>

Benefits (20 words per card)

To give an overview of the product benefits, use these small cards with a headline and short text (approx. 20 words each, make sure cards next to each other have a similar length!) - between 2 and 8 benefits would be a great number (4-8 would open a second row).

Benefits
Intro Text to Benefits

20 WORDS PER BENEFIT
Functions and performance on vehicle level are brought into context of design and parts.

VEHICLE TO CELL ANALYSIS
Functions and performance on vehicle level are brought into context of design and parts.

VEHICLE TO CELL ANALYSIS
Functions and performance on vehicle level are brought into context of design and parts.

Benefits

Based on our AVL PUMA 2™ system – the global industry standard for testbed automation – PUMA 2 Inverter allows you to prepare and validate your testing tasks right from the office. This saves valuable testbed time, and maximizes ROI.

Fully Automatic

Maximize the usage of testbeds by defining and executing a sequence of predefined tests including fully automated test runs

Maximize Productivity

Usability, compatibility and simplicity are at its very heart, helping to reduce your effort, cut downtime and maximize productivity.

Highly Flexible

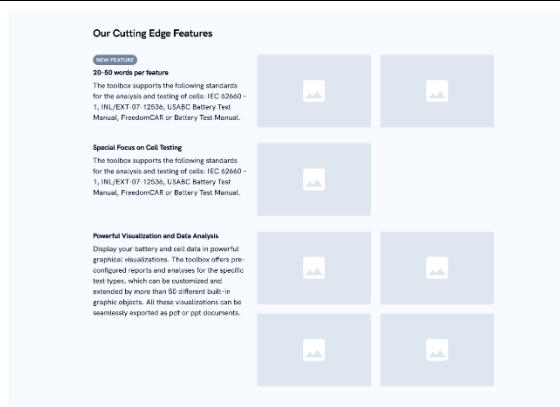
Possibility to share data across different testbed types and configurations

Features (25-40 words per feature)

max. 4 features possible here. Each has a short headline and a 25-40 word description. Between one and four images can be uploaded per feature.

Features that are new can be marked "new feature" (no free text here).

Images help to visualize the software and situation where it might be used. The images are not very large, so better use something without too many details.



Features

Feature No. 1

25-40 words - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est. Vestibulum ut venenatis leo. Morbi suscipit semper justo, eu gravida massa aliquam id. Fusce interdum dictum neque, a tempor tortor tincidunt et.

Add in here the image/s (link to file storage):

Feature No. 2

25-40 words - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est. Vestibulum ut venenatis leo. Morbi suscipit semper justo, eu gravida massa aliquam id. Fusce interdum dictum neque, a tempor tortor tincidunt et.

Add in here the image/s (link to file storage):

Feature No. 3

25-40 words - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est. Vestibulum ut venenatis leo. Morbi suscipit semper justo, eu gravida massa aliquam id. Fusce interdum dictum neque, a tempor tortor tincidunt et.

Add in here the image/s (link to file storage):

Feature No. 4

25-40 words - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est. Vestibulum ut venenatis leo. Morbi suscipit semper justo, eu gravida massa aliquam id. Fusce interdum dictum neque, a tempor tortor tincidunt et.

Add in here the image/s (link to file storage):

Success stories and use cases

If available, stories of customers successfully using this software need to be shared with the users of the website. Here, two such stories can be previewed.

The text of the success story previews is determined on the page of the story itself, not here on the solution detail page!

Our Success Stories and Use Cases [All success stories & use cases](#)



Title

Short description but in a way that it does not get cut mid sentence.



Title

Short description but in a way that it does not get cut mid sentence.

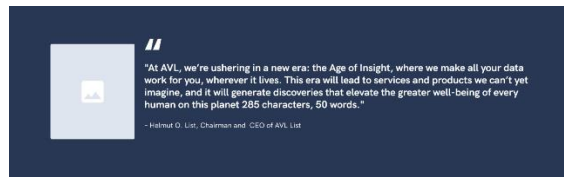
– no manual content

Quotes (50 words per quote max.)

A big quote element with a photo can be used to state an **AVL team quote** of the product or area manager etc, that would give AVL "a face"

Customer quotes create trust, if several are available, we display them smaller in a row - two, three, and four cards would fit the width, from 5 on, they look like in the screenshot on the right side.

Length of name of person, position & company name - whatever the length of these is, but keep in mind to take the shortest possible position description & company name. Users just need to know who said that, not the fully legal name of the company and the position



What customers say about this product



"Our E-motor emulator (E-ME) is a game changer to the inverter testing methodology and PUMA has helped us making a full inverter test system out of it"

– Horst Hammerer, Managing Director, AVL SET GmbH

Add in here the image (link to file storage):

https://projects.avl.com/21/0212/05/Data_Exchange/ITS/All%20Testing%20products%20and%20software/AVL%20PUMA%20%20Inverter/Horst%20Hammerer_Managing%20Director_AVL%20SET.jpg

"50 words max - Customer quote No 1. - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est. Vestibulum ut venenatis leo. Morbi suscipit semper justo, eu gravida massa aliquam id. Fusce interdum dictum neque, a tempor tortor tincidunt et."

Name of person, Position, Company name


Add in here the logo (link to file storage):

"50 words max - Customer quote No 2. - Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et malesuada est. Vestibulum ut venenatis leo. Morbi suscipit semper justo, eu gravida massa aliquam id. Fusce interdum dictum neque, a tempor tortor tincidunt et."

Name of person, Position, Company name

Add in here the logo (link to file storage):

Customer Quote Nr. 3

		<p>Customer Quote Nr. 4</p> <p>Customer Quote Nr. 5</p> <p>...</p>
<p>Downloads</p> <p>If downloads are necessary, they can be placed in this section. Give the download document a clear title and describe it in 10-15 words.</p>	<p>Download additional material</p> 	<p>Download 1) AVL PUMA 2™ Inverter Solution Sheet <i>Comprehensive information and technical details.</i></p> <p>https://projects.avl.com/21/0212/05/Data_Exchange/ITS/All%20Testing%20products%20and%20software/AVL%20PUMA%20%20Inverter/GL_ITS_Solution%20Sheet_PUMA_2_Inverter_E_web_06.21.pdf?Web=1</p> <p>IF the file is downloadable after filling out a form, provide the email recipient & SFDC ID.</p> <p>Gabriele.posvek@avl.com</p> <p>SFDC ID: 7010J000000gUERQA2</p> <p>Download 2) Clear download title (max. 5 words) <i>Some description of the downloadable file. (max. 10 words)</i></p> <p>IF the file is downloadable after filling out a form, provide the email recipient & SFDC ID.</p> <p>Download 3) Clear download title (max. 5 words) <i>Some description of the downloadable file. (max. 10 words)</i></p> <p>IF the file is downloadable after filling out a form, provide the email recipient & SFDC ID.</p> <p>Download 4)</p> <p>Download 5)</p> <p>...</p>

Cross-selling section (30 words intro)

If fitting, you can cross-sell here to other AVL solutions, between 2-8 work best here.

Headline & Description text could be different in each page, and the solutions shown could be selected in the backend - while the description of the solutions is pulled automatically once a solution is selected to be shown here.

AVL solutions we are using with this product

Determining the competitive landscape is the first step to a profound definition of target areas for a successful battery in a future xEV. That's why this market drivers need to be considered:

Some Service solution
AVL uses a semiempirical data driven model based on aging experiments and statistical methods to predict battery aging in the most precise and efficient way.

Some Service solution
AVL uses a semiempirical data driven model based on aging experiments and statistical methods to predict battery aging in the most precise and efficient way.

Some Service solution
AVL uses a semiempirical data driven model based on aging experiments and statistical methods to predict battery aging in the most precise and efficient way.

Some Service solution
AVL uses a semiempirical data driven model based on aging experiments and statistical methods to predict battery aging in the most precise and efficient way.

Some Service solution
AVL uses a semiempirical data driven model based on aging experiments and statistical methods to predict battery aging in the most precise and efficient way.

– no manual text for the section.

If you already have something in mind, write down the solutions you'd like to cross-sell to here.

Inverter Testing

AVL E-Motor Emulator (E-ME)

E-Library

AVL X-ion e-power

AVL PUMA 2™ Share

AVL Ripple Emulator

AVL IndiCom

AVL FEM 4™

Highlights

One article, one event, one webinar and one knowledge base page can be linked here manually (the page ID can be selected in the backend). The title, subheadline and description of each event, webinar, news or knowledge base page cannot be changed manually. If one of them is not filled with a specific page, a default is shown - "all news", "all events", "all webinars" and "all knowledge base".

What's new

News
November 1, 2022 4:00 PM CET
Vienna, Austria
Short description but in a way that it does not get out of hand.

Event
November 1, 2022 4:00 PM CET
Vienna, Austria
Short description but in a way that it does not get out of hand.

Webinar
November 1, 2022 4:00 PM CET
Vienna, Austria
Short description but in a way that it does not get out of hand.

Knowledge Base
November 1, 2022 4:00 PM CET
Vienna, Austria
Short description but in a way that it does not get out of hand.

– no manual text

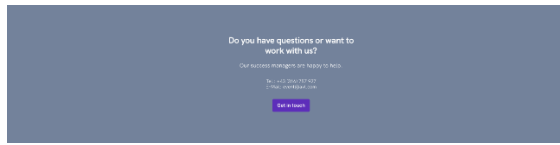
On Demand Webinar

Not just AC/DC – inverter testing for efficient electric vehicle development

<https://www.avl.com/-/not-just-ac-dc-inverter-testing-for-efficient-electric-vehicle-development>

Contact

Users interested in this solution should have an easy accessible opportunity to contact AVL to ask questions, get an offer etc. For the summer go-live we offer an email address and phone number - and if possible a form, that users can fill out.



Do you have questions or want to work with us?
Our experts are happy to help.

For details, pls refer to CTA Contact Us

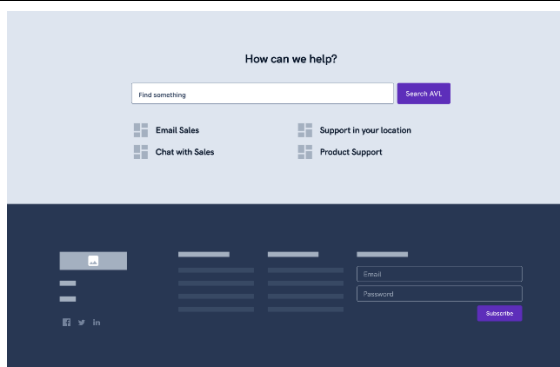
https://projects.avl.com/21/0212/05/Data_Exchange/ITS/All%20Testing%20products%20and%20software/AVL%20PUMA%202%20Inverter/Template%20CTA%20Contact%20Us_PUMA%202%20Inverter.docx?Web=1

SFDC: 7010J000000gXlpQAE

CTA: Get in touch

Support & Footer

Same overall concept as on other pages - support options need to be decided for product pages. There is no option to manually edit the text, only to de-select some support options that are not relevant here.



– no manual text