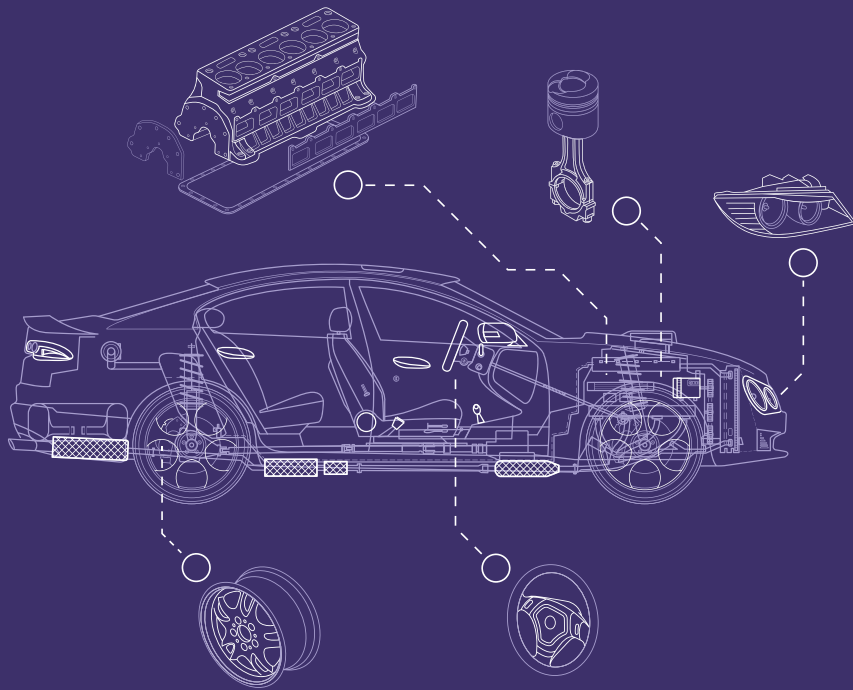


Discover New Business
Cases with the
AM Part Identifier.

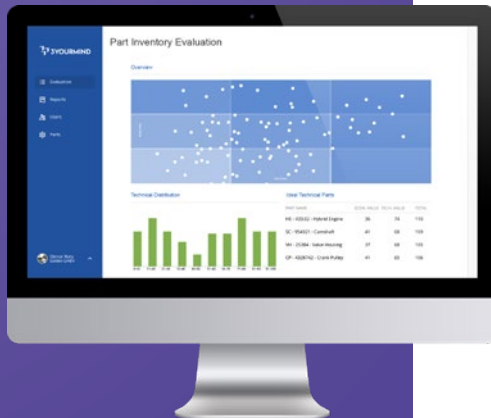




AM represents massive savings opportunities for manufacturers.

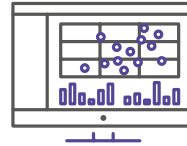
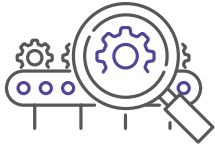
But which parts are ready for additive?

AM PART IDENTIFIER



Find your ideal business cases for Additive Manufacturing.

With AMPI on your side, you can see which parts to shift to AM and why. The 'why' is important - new AM use cases save our clients up to ten times their part life cycle costs using conventional manufacturing.



Technical Analysis + Economic Criteria + Analytic Algorithms = AM Business Cases

based on part information from CAD models, part metadata and product design specifications.

from employee evaluation or ERP systems using variables like intended usage, product life cycle and manufacturing cost.

evaluate all data points that are relevant for AM against your specific business requirements.

are provided to your team so they can move those parts into production.

STRONG AM USE CASES

can move directly into production.



**Inventory
Analysis**



**Use Case
Screening**



AM PART IDENTIFIER

Inventory Analysis

Your ERP database already holds everything you need to find new additive manufacturing business cases. AMPI simply gives your team a way to structure and leverage this information by connecting it to an algorithm that automatically reveals what items to shift from traditional to additive.

The software combines individual part metadata, CAD model analysis, production requirements and usage scenarios to provide a clear focus for your whole team and guide your next AM decision.



Connect all inventory databases.

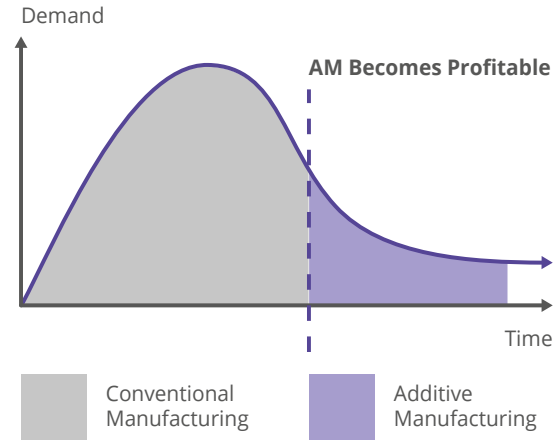


Discover business cases automatically.





Single Part: Product Lifecycle



Rely on data, not guesswork.

Once AMPI is configured to your specific business scenarios you're good to go: AMPI will combine part metadata, CAD model analysis, production requirements and usage scenarios to give you the the accurate, tailored information your team needs to use additive to its fullest potential.

Track parts through their life cycle.

Won't some existing parts also become good business cases for additive in six to twelve months? Yes, they will - and AMPI will alert you when that happens. It keeps an eye on your ERP for annual demand and production costs, making sure you know exactly when to make the switch for each part.



Discover the AM business cases hidden in your company.

AM PART IDENTIFIER

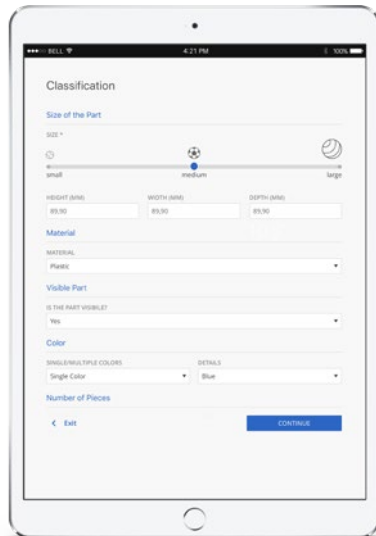
Use Case Screening

Leverage the eyes and minds of your entire team. Employees, CAD designers, the purchasing department, even your customers are exposed to potential AM use cases. Put them to work! As soon as anyone suspects a part is ripe for additive, they've got a simple, streamlined process to submit the item for consideration.

AMPI automatically tells you if you're on the right track by reviewing key technical and economic criteria aggregated by your team. It sends the submitter an AM suitability score, while your in-house AM team gets notified about the parts that are ready now to move into AM.

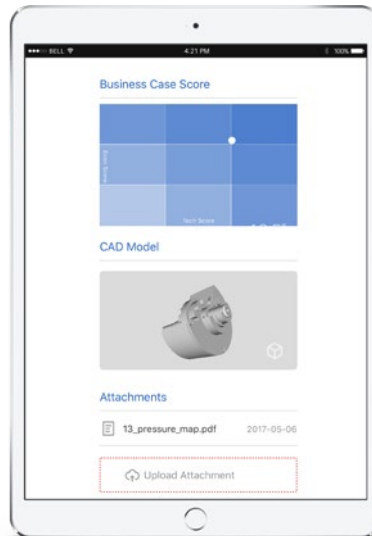
AM PART IDENTIFIER

Find Your Ideal AM Business Cases



The tablet screen shows the 'Classification' section of the app. It includes a 'Size of the Part' section with a slider set to 'medium' and three input fields for 'HEIGHT (MM)', 'WIDTH (MM)', and 'DEPTH (MM)', all containing the value '85.90'. Below this is a 'Material' section with a dropdown menu set to 'Plastic'. The 'Visible Part' section has a dropdown menu set to 'Yes'. The 'Color' section has a dropdown menu set to 'Blue'. At the bottom, there is a 'Number of Pieces' section and a 'Continue' button.

**Receive Potential
Part Submissions**



The tablet screen shows the 'Business Case Score' section of the app. It features a 3x3 grid of blue squares with a white dot in the center. Below the grid is a 'CAD Model' section with a 3D model of a mechanical part. The 'Attachments' section lists a file named '13_pressure_map.pdf' with a date of '2017-05-06'. At the bottom, there is an 'Upload Attachment' button.

**Automatic AM
Suitability Assessment**

HOW OUR CLIENTS PUT AM USE CASE SCREENING INTO PRACTICE



EMPLOYEES

Adding the eyes and ears of your entire team enables you to always identify the best AM use cases and ensure your company stays efficient and cost-effective well into the future.



CUSTOMERS

As special requests come in, a quick AMPI screening can save hours or days of unnecessary phone calls and emails. Your sales team can verify in seconds whether that request can be executed using AM.



DESIGNERS

AMPI is a boon for designers: knowing from the get-go that a part will be manufactured with AM enables them to tailor their designs. Better designs mean better parts.



PURCHASING

They say that knowledge equals power. Put simply, AMPI provides that knowledge. The purchasing team can review specific parts for AM suitability using data points they already have on-hand. They also benefit from alerts based on AMPI's tracking of part life cycles. Armed with this information, purchasing departments can make well-informed decisions rather than filling in the gaps with guesswork. The result: a better bottom line.

One Screen a Part

- Configuration
- Assignment
- Background Information
- Classification
- Specifications
- Additional Information

Classification

Size of the Part

SIZE *



small

medium

HEIGHT (MM)

89,90

WIDTH (MM)

89,90

Material

MATERIAL

Plastic

Visible Part

IS THE PART VISIBLE?

Yes

Color

ANGLE/MULTIPLE PARTS
Single Click

Number of Pieces

Get more AM Parts into the hands
of your innovation department.

FIND THE PARTS THAT ARE BEST SUITED FOR AM

Integrating automation within your AM workflow is critical to stay at the forefront of innovation. By adopting the right suite of tools to automate assessment and organizational details, your team has the information to make objective, truly informed decisions. It gives you the edge to be a genuine leader in one of the most exciting developments happening in the world today.

Additive manufacturing is just taking off, and there's no stopping it. With automation and optimization in your corner, you're truly ready to take on the future.



Identifying your next AM Use Case has never been easier.

3yourmind.com/ampi-demo


AM-ready items already exist
in your company.



What are you waiting for?

 **3YOURMIND Germany**
Bismarckstr. 10-12
10625 Berlin
+49 30 555 78746

 **3YOURMIND USA**
1355 Market Street
San Francisco, CA 94103
+1 (628) 252 9422

 **3YOURMIND Poland**
Tęczowa 57
53-601 Wrocław
+48 504 953 996

 Ganghofer Str. 66
80339 München
+49 157 92 346 007

 **3YOURMIND France**
17 - 21 Rue Saint Fiacre
75002 Paris
+33 686 977 805