

# Manufacturing in Europe

## The smart alternative to tariffs



**Tariffs are no longer a distant threat. They are here. And they are redefining how we think about electronics manufacturing.**

With trade tensions between the United States and China escalating in 2025, many companies are caught in a perfect storm: unexpected costs, logistical disruptions and constant uncertainty. But in the midst of this scenario, an opportunity opens up for Europe and, especially, for closer, more efficient and digitalized manufacturing models.

## The problem

### Tariffs punishing global chains

Not all sectors suffer equally. Medical devices, industrial electronics and automotive are particularly vulnerable. Tariffs of between 7% and 35% can apply to components as common as semiconductors, capacitors or printed circuit boards.

This new context penalizes the classic offshoring model, where many OEMs depend on Asian suppliers. In addition to tariffs, transport costs are rising and global logistics are less reliable than ever.

Therefore, today it is essential to review the origin of the components in the BOM (Bill of Materials). Small changes in the country of origin or assembly site can have a direct impact on the final price. The choice of EMS partner is no longer just operational, it is strategic.

## The answer

### Operational efficiency and digital intelligence

In this scenario, efficiency is not just a nice word: it is a real lever to protect margins and speed up decisions. And here, digitalization plays a key role.

With technologies such as MES (Manufacturing Execution Systems), we can:

- See the status of each order in real time.
- React dynamically to changes in availability.
- Automate data-based decisions.
- Reduce losses and improve resource use.

But this doesn't end at the factory. Smart efficiency starts at the design stage. Why use a component penalized by tariffs, if we can redesign slightly and save?



## The value of manufacturing in Europe

Companies that opt for localized production in Europe can obtain very specific benefits:

- Shorter lead times and better responsiveness
- Quality control and full traceability
- Less exposure to changing regulations and global crises
- Direct connection with the end customer

In addition, more and more companies are incorporating digital planning and simulation tools, which consider tariffs, logistical risks and costs by country of origin. This allows them to choose the best manufacturing strategy with data in hand.

## Why is DigiProces a good partner in this context?

At DigiProces we have opted for digitalized, flexible and local production, with a clear focus on efficiency and collaboration. These are some of our strengths:

- Production in Spain, within the EU and outside aggressive tariff routes
- Digital integration with customers and automated reports
- Ability to adapt to changing designs and forecasts
- Logistics optimization and full traceability
- Engineering team capable of adjusting the BOM according to optimal COO
- Deep knowledge of international regulations and customs classification
- Sustained investment in automation to make reshoring viable at competitive costs

## Conclusion

### From risk to opportunity

Tariffs are not only a threat. They are also the catalyst for a profound change in the way we manufacture.

If before the model was global by default, today the trend is clear: produce nearby, intelligently and efficiently. And here, DigiProces can be a valuable ally for OEMs who want to adapt and gain a competitive advantage in a more uncertain but also full of opportunities world.

