

Supply chain
dictionary

What is

**bary-
center**



Supply chain dictionary

The **barycenter**, also known as center of gravity, is an important indicator that assists in choosing the geographical location of a factory, warehouse or distribution platform.

Indeed, the calculation of the barycenter makes it possible to determine the average distance of all distribution or supply points, as well as the weight associated with each point.



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Using this information, companies can evaluate different implementation scenarios and determine the optimal location for their facilities based on criteria such as transport costs, delivery times and real estate costs.

The barycenter also optimizes the allocation of resources and raw materials between the company's different facilities.



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The calculation of the barycenter can be done using supply chain planning software or mathematical calculations, which take into account the geographical coordinates and weights of each distribution or supply point.



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The barycenter is a valuable tool for companies looking to optimize their supply chain and improve operational efficiency.

By using this measure, companies can make more informed and profitable decisions about the location of their facilities and distribution of their products.”



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