

# The impact of intelligent decision-making on enterprise operational strategy

Qian Ma<sup>1</sup>, Zheng Pan<sup>2</sup>

1. Yuxi Normal University, Yuxi 653100, China.

2. Yunnan Yongchen Communication Co., Ltd., Kunming 650000, China.

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**Abstract:** Intelligent decision-making technology is an important tool emerging in the field of enterprise management today. Its introduction not only accelerates the speed of decision-making, but also provides more accurate and comprehensive data support for enterprise managers, helping to develop more forward-looking and flexible operational strategies. This technology, through its powerful data integration and analysis capabilities, can extract valuable insights from large-scale data and help enterprises make efficient decisions. At the same time, the adaptive and personalized characteristics of intelligent decision-making technology enable it to better meet the unique needs of enterprises and provide more choices for strategic formulation. At the level of enterprise operational strategy, intelligent decision-making technology has brought profound impacts. It can help enterprises better cope with risks and opportunities in fiercely competitive markets, and better adjust their strategies to adapt to market changes. In addition, intelligent decision-making technology can also help optimize resource allocation, improve production efficiency, reduce costs, and enhance market competitiveness.

**Keywords:** Intelligent decision-making; enterprise operational strategy; technological impact; decision optimization; business intelligence

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## Introduction

With the rapid development of technology, the role of intelligent decision-making technology in enterprise operations is becoming increasingly prominent. It not only changes the decision-making methods of enterprises, but also brings new perspectives and possibilities for enterprise decision-making. In today's fiercely competitive business environment, intelligent decision-making has become a key driving force for enterprises in formulating and implementing strategies. This technology is changing the boundaries of our cognition and practice, and has a profound impact on the decision-making and strategic formulation of enterprises. This paper will delve into and explore the impact of intelligent decision-making on enterprise operational strategies, explore its application and prospects in business decision-making, and present a comprehensive and in-depth perspective to readers.

## 1. The importance of intelligent decision-making technology in enterprise strategic decision-making

Intelligent decision-making technology plays a crucial role in today's enterprise strategy formulation. Its importance is reflected in multiple aspects. This technology plays a crucial role in information processing and analysis. It can process a large amount of data and interpret it through algorithms and models, helping enterprises discover patterns, trends, and insights from it. This data-driven decision-making enables enterprises to more accurately predict market changes and consumer demand. Intelligent decision-making technology also provides efficient decision support. Through artificial intelligence and machine learning, enterprises can make faster and more accurate decisions, not only improving the speed of decision-making, but also enhancing its quality.

Intelligent decision-making technology also provides enterprises with a more comprehensive perspective and strategic choices. It promotes information sharing among different levels through cross departmental data integration and analysis, helping enterprises gain a more comprehensive understanding of the market and business, and providing support for formulating more global and long-term strategic decisions.

The importance of intelligent decision-making technology in enterprise strategic decision-making is becoming increasingly prominent. It provides decision-makers with new decision-making ideas and support, based on data analysis and prediction, giving enterprises more accurate and reliable decision-making basis. This technology can not only interpret vast and diverse data, but also identify correlations and

trends in information, providing comprehensive insights for business leaders.

The rapid development of this technology enables enterprises to make decisions more quickly, while reducing subjective human intervention and improving the accuracy of decision-making. In addition, intelligent decision-making technology can also help discover patterns and trends hidden in data, providing enterprise managers with a deeper and more comprehensive understanding.

Furthermore, intelligent decision-making technology provides sharp insights into risks and opportunities, helping business leaders respond faster and formulate corresponding strategies. Through its more accurate data prediction and analysis, it can provide comprehensive support for enterprise management and help enterprises better adapt to changes and competitive pressures. Intelligent decision-making technology has become an important tool in the decision-making process of enterprises, providing more accurate and comprehensive data support and decision-making basis for enterprise managers, helping enterprises optimize strategic decisions and improve competitiveness.

## **2. The optimization impact of intelligent decision-making on enterprise operational strategy**

The optimization impact of intelligent decision-making on enterprise operational strategies is crucial in today's business environment. The widespread application of this technology has had a significant impact on the strategic decision-making of enterprises. Intelligent decision-making technology enables enterprises to more accurately understand market trends and consumer needs through data-driven and algorithmic analysis. This insight enables enterprises to more effectively adjust their strategies, respond to market changes in advance, and thus enhance their competitiveness. The use of intelligent decision-making technology has also improved the speed and accuracy of enterprise decision-making. Through machine learning and automated processing, enterprises can respond more quickly and take more timely actions to adapt to market changes. Intelligent decision-making technology can also optimize resource allocation and cost-effectiveness. It can help enterprises manage resources more accurately, improve efficiency, reduce waste, reduce costs, and achieve better results in strategic execution.

I am pleased to share the impact of intelligent decision-making technology on optimizing enterprise operational strategies. This technology not only provides a new perspective for enterprise management, but also brings revolutionary changes. Intelligent decision-making technology, with its powerful data support and efficient analysis, has become a key tool for enterprises to make strategic decisions.

It provides deep data mining and analysis, providing more comprehensive and accurate information support for enterprises. This helps the management of enterprises to better understand market dynamics, consumer demand, and internal operational conditions, thereby making more targeted adjustments to strategies. Intelligent decision-making technology plays a huge role in optimizing resource allocation. Through data-driven decision-making processes, enterprises can more effectively utilize resources, reduce costs, and improve efficiency. This not only affects internal processes, but also directly affects the profitability and cost control of the enterprise. This technology also helps to accelerate the decision-making and execution process. Provide real-time and accurate data support to enable enterprises to respond more quickly, seize market opportunities, and reduce decision-making implementation cycles. Intelligent decision-making technology provides a sustained competitive advantage for the future development of enterprises. Through continuous data analysis and prediction, enterprises can better predict market trends, adapt to environmental changes faster, and improve flexibility and risk resistance.

Intelligent decision-making technology provides more accurate and comprehensive strategic support for enterprises through comprehensive and efficient data-driven analysis, bringing efficiency and competitive advantages. This will continue to have a profound impact on corporate strategic decision-making in the future.

## **3. Further Evolution of Intelligent Decision Technology on Enterprise Strategy**

Intelligent decision-making technology has a broad and profound impact on the strategic development of enterprises. It continuously drives the evolution and progress of enterprise strategic decision-making. One of the future trends in intelligent decision-making technology is stronger data integration and analysis capabilities. Through big data analysis and artificial intelligence technology, enterprises can gain a deeper and more comprehensive data perspective, helping decision-makers make smarter decisions. In the future, intelligent decision-making technology will also focus on personalization and adaptability. With the advancement of technology, enterprises will be able to more accurately apply data to make personalized decisions to meet the needs of different consumers and market groups, and provide products and ser-

vices that better meet personalized requirements.

Intelligent decision-making technology will be widely applied in various industries and become a key tool for enterprises in different fields. The development of this technology will promote the further evolution of enterprise strategic decision-making, bringing more opportunities and challenges to enterprises.

Intelligent decision-making technology will provide more possibilities in different industries. Whether in the fields of manufacturing, finance, healthcare, retail, logistics, etc., intelligent decision-making technology can be customized and applied according to the needs of different industries, providing more accurate and effective strategic support. This will enable enterprises to better adapt to the characteristics of different industries and better meet market demand. Intelligent decision-making technology will encourage enterprises to pay more attention to data-driven decision-making. With the continuous development of big data technology, enterprises will increasingly rely on data to make strategic decisions. This will encourage enterprises to strengthen data collection, analysis, and application to better understand market trends, consumer demand, and competitor dynamics. Personalization will become the key to future strategic decisions. Intelligent decision-making technology can help enterprises better understand each customer, consumer, or market segment, thereby providing more personalized products and services. This will help businesses better meet the needs of different consumers and improve customer loyalty. Intelligent decision-making technology will promote the comprehensive development of various industries. Through data analysis and intelligent decision-making, enterprises will better identify and explore market opportunities, improve production efficiency, and reduce waste. This will help different industries achieve sustainable development and innovation.

## Conclusion

Intelligent decision-making technology plays a crucial role in enterprise strategic decision-making. It not only has a significant impact today, but also becomes a key factor in decision-making in future development. Its powerful data integration and analysis capabilities, personalization and adaptability, as well as extensive cross industry applications, will continue to lead enterprises towards more effective decision-making models. The continuous evolution and progress of intelligent decision-making technology have provided unprecedented opportunities for enterprises, but it is also accompanied by new challenges. In the constantly evolving technological and business environment, enterprises need to adapt to and fully utilize these technologies to maintain a leading position in the fiercely competitive market. In the future, continuous research and application of intelligent decision-making technology will be the key to the success of enterprises, promoting more efficient, innovative, and flexible strategic decision-making.

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## Author Introduction:

1. Name: Ma Qian; Birth year: 1981; Gender: Female Unit: Yuxi Normal University; Education: Doctoral student; Title: Teacher; Title: Associate Professor; Research direction: Strategic Management.

2. Name: Pan Zheng; Year of birth: 1976; Gender: Male; Unit: Yunnan Yongchen Communication Co., Ltd; Education: Bachelor's degree; Title: General Manager; Title: Engineer; Research direction: Strategic Management, Enterprise Operations