

# White Paper for

## AIWare Usights • ChatBI V8.4

---

A natural language-driven data analytics agent combining LLMs, domain knowledge, and augmented analytics. It provides enterprises with all-round intelligent services among data collection, analytic insights, and visualization.

## Disclaimer Statement

AsialInfo Technologies (China), Ltd., hereinafter "AsialInfo Technologies" or "AsialInfo", exclusively owns all intellectual property rights, including but not limited to copyrights, trademarks, and patents, as well as technical secrets related to the Product and its derivatives, along with all related documentation, including all information within this document and any attachments.

The information within this document is confidential and intended solely for use by the recipient(s) designated by the user. Without prior written permission from AsialInfo Technologies, any user of this document shall not take any actions with respect to this Product or the information contained herein to any third party, including but not limited to managers, employees, and affiliates other than the designated recipients. The aforementioned actions encompass but are not limited to developing, updating, compiling and decompiling, assembling, lending, transferring, selling, disclosing, authorizing, distributing, or any other actions. Nor shall any such third party be permitted to use the Product and the information in this document for any purpose whatsoever.

Without prior written permission from AsialInfo Technologies, users shall not copy, modify, or distribute this document for any purpose. Altering, removing, or damaging any trademarks used in this document is strictly prohibited.

This document is provided as original, and AsialInfo Technologies makes no warranties regarding the correctness, accuracy, reliability, or any other aspect of this document or its consequences after use. All information in this document is subject to further modification without prior notice, and AsialInfo Technologies disclaims any responsibility for errors or inaccuracies that may be present in this document.

AsialInfo Technologies shall not be held responsible for any and all types of liabilities, infringements, or damages resulting from the use of the Product or the information within this document. This exclusion of liability encompasses all forms of damages, including but not limited to direct, indirect, incidental, special, or punitive damages, regardless of whether AsialInfo Technologies was notified of the possibility of such damages beforehand. The exclusion of liability applies to all forms of legal claims, including those arising from negligence or other torts.

AsialInfo Technologies' products may include third-party software. Please refer to the copyright statements in the third-party software documentation for details.

## AsialInfo Technologies Limited (Stock Code: 01675.HK)

AsialInfo Technologies is a leading software product and service provider in China, boasting extensive experience in software product development and large-scale software engineering implementation. With 30 years of deep market presence, AsialInfo has advanced technological capabilities and numerous successful cases in 5G, cloud computing, big data, artificial intelligence, the Internet of Things (IoT), smart operations, and business and network support systems. AsialInfo's clientele spans industries including telecommunications, broadcasting, energy, government, transportation, finance, and postal services.

In 2022, AsialInfo acquired iResearch Consulting Group Co., Ltd. (iResearch Consulting) and integrated it into the new brand iDigital, expanding AsialInfo's capabilities from product development, delivery services, data operations, and system integration to consulting planning and intelligent decision-making, establishing itself as a leading provider of end-to-end capabilities in digital intelligence.

AsialInfo is committed to empowering various industries with technologies such as 5G, AI, and big data, collaboratively creating digital value with customers. AsialInfo aims to lead in both products and services, focusing on continuous product development in the areas of data and intelligence, cloud and network, IT, and middle platform products. The cloud and network products maintain international leadership, while data and intelligence products achieve domestic leadership and some international advancements. In the IT domain, AsialInfo's products stand at the forefront within the domestic landscape.

In the future, AsialInfo strives to become the most trusted leader in digital intelligence, leveraging its comprehensive capabilities in the field to innovate customer value and contribute to digital transformation.



## Certificates (Part)

Capability Maturity Model Integration (CMMI) Certificate L5

Cloud Managed Services Capability Assessment Certificate: Excellent Level

Digital Trusted Services - R&D Digital Governance Capability Certificate

Enterprise Credit Grade (AAA) Certificate

Information System Construction and Service Capability Assessment CS L4

ISO9001 Quality Management System Certificate

ISO20000 IT Service Management System Certificate

ISO27001 Information Security Management System Certificate

Service Certificate of Information System Security Development L2

Service Certificate of Information System Security Integration L2

## Awards (Part)

Top 100 China Software Business Revenue List for consecutive years

Top 100 China Competitive Software & IT Services Enterprises for consecutive years

The Most Influential Enterprise in China Software Industry

The Most Valuable Brand in China Software & IT Services Sector

The Most Influential Industry Brand in China Software & IT Services Sector

The Most Innovative Enterprise in China Digital & Software Services Industry

Top 50 Socially Responsible Enterprises in China Electronic Information Industry

Leading AI Enterprise in China

Leading Enterprise of Advanced Smart City

IDC Future Operations Leadership



# Contents

<b>1 Executive Summary</b>	<b>7</b>
<b>2 Abbreviations and Terms</b>	<b>8</b>
<b>3 Product Overview</b>	<b>9</b>
3.1 Trends and Challenges	9
3.1.1 Trends	9
3.1.2 Challenges	10
3.2 Product Definition	10
3.3 Product Positioning	11
<b>4 Product Portfolio</b>	<b>12</b>
<b>5 Basic Functions</b>	<b>15</b>
5.1 Dialog-based Data Retrieval	15
5.2 AI-Powered Data Insights	15
5.3 Dashboard DIY	15
5.4 Report Generation	15
5.5 Complex Reports	15
5.6 Service Management	16
5.7 System Management	16
5.8 Operations Management	16
5.9 Data Analytics Agent	16
<b>6 Featured Functions</b>	<b>17</b>
6.1 Chat2SQL	17
6.2 Data Interpretation and Generation	17
6.3 Augmented Analytics	18
6.4 Report Generation	18
6.5 BI Agent Market	19
<b>7 Unique Advantages</b>	<b>20</b>
7.1 Accurate SQL Generation	20
7.2 Zero-Code Advanced Analytics and AI Decision-Making	20
7.3 Out-of-Box Configurations	20
<b>8 Scenario Solutions</b>	<b>21</b>
8.1 Automatic BA Copilot	21
8.1.1 Application Scenarios	21
8.1.2 Business Requirements	21

8.1.3 Solution.....	21
8.2 Augmented Analytics for Precise Marketing.....	22
8.2.1 Application Scenarios.....	22
8.2.2 Business Requirements .....	22
8.2.3 Solution.....	23
<b>9 Use Cases .....</b>	<b>25</b>
9.1 BA LLM for a Telco Group .....	25
9.1.1 Customer Requirements .....	25
9.1.2 Solutions and Effects.....	25
9.2 Disaster Analysis for the Firefighting Research Institute.....	26
9.2.1 Customer Requirements .....	26
9.2.2 Solutions and Effects.....	26
9.3 All-Round Data Analysis System for the Insurance Institute.....	27
9.3.1 Customer Requirements .....	27
9.3.2 Solutions and Effects.....	28
<b>10 Certificates and Awards .....</b>	<b>29</b>
10.1 Research Reports and Certificates.....	29
10.2 Patents and Copyrights .....	30
<b>11 Contact Us.....</b>	<b>32</b>

# 1 Executive Summary

Data is crucial for enterprises to analyze business performance, enhance management quality, and drive smart decision-making. However, data discovery and analysis today faces challenges. First, fragmented IT systems isolate data sources, making cross-platform integration difficult; second, it is time-consuming to develop visualization tools, delaying data access and responsiveness; third, with the wide application of mobile devices, there are more requirements for data processing and analysis, but poor governance, inconvenient utilization, and heavy manual reliance pose pressure on the user-friendly data application.

In the current challenging business environment, enterprises are seeking efficient and intelligent data analytics and decision support tools, and general-purpose AI, represented by LLM, is becoming the core technology infrastructure for the intelligence advancement. With powerful language comprehension, knowledge reasoning, and generation capabilities, LLM is reshaping human-computer interaction and driving data analysis from visualization to intelligence.

AISWare Usights • ChatBI is a business intelligence analytics agent in response to the market and technical trend, with the concept of user-friendly as its core, and deeply integrates LLMs and SLMs with domain knowledge to create an end-to-end data insights assistant. Through natural language Q&A, it collaborates with humans to improve data perception and use efficiency for business teams and managers, empowering enterprises to build a more intelligent decision-making system.



## 2 Abbreviations and Terms

Abbreviations and terms explanations are shown in Table 2-1:

**Table 2-1 Abbreviation and Term Explanation**

Abbreviation or Term	Full Name	Explanation
BI	Business Intelligence	Technologies and strategies used to analyze data and present actionable information to support decision-making.
CAGR	Compound Annual Growth Rate	Measure of an investment's annual growth rate over time, with the effect of compounding taken into account.
CoT	Chain of Thought	A prompting strategy that encourages step-by-step reasoning in LLMs for more logical and explainable outputs.
ETL	Extract, Transform, Load	A data integration process that prepares data from various sources for analytics and storage in data lakes or warehouses.
LLM	Large Language Model	AI models trained on large corpora capable of understanding and generating human-like text, used for interpretation and reasoning.
MCP	Model Context Protocol	MCP is a protocol designed to enable AI models to interact seamlessly with external tools and services.
SLM	Small Language Model	Compact language models optimized for rule validation, numerical tasks, or repetitive queries, often used in tandem with LLMs.

## 3 Product Overview

AISWare Usights • ChatBI (ChatBI) is a natural language-driven data analytics and decision-making agent combining LLMs, domain knowledge, and augmented analytics. It provides enterprises with all-round intelligent services among data collection, analytic insights, and visualization.

### 3.1 Trends and Challenges

#### 3.1.1 Trends

According to IDC's Data on *the Business Intelligence and Analytics Software Market in China (2023H2)*, China's BI market is expanding at a CAGR of over 10% from 2023 to 2028.

##### 1. BI evolution

While fundamental BI tools still dominate, predictive analytics shows strong growth potential with several innovations:

- **Generative AI + BI** to enable natural language-driven analytics;
- **Augmented analytics systems** that leverage machine learning for automatic insight generation;
- **Actionable AI decision systems** evolving from traditional BI.

##### 2. Technology innovation

- **Industry-specific LLMs** with domain knowledge and engineering optimization;
- **LLM+SLM architecture** that uses LLMs for complex scenarios and SLMs for routine tasks;
- **Knowledge augmentation** and data collection/analytics from semantic layer.

### 3.1.2 Challenges

**Hallucinations from LLMs:** LLMs may generate content that sounds correct but lacks factual accuracy, especially without convincing data support—e.g., linking unrelated metrics or inventing trends—risking poor decisions. LLMs are also struggling with unstructured inputs like industry terms and slang, leading to analysis silos from real-world business logic.

**Knowledge engineering bottlenecks:** LLMs cannot automatically know industry rules (e.g., financial risk control metrics or nested relationships between telecom packages), requiring costly and time-consuming manual effort. The gap between business experts and AI engineers slows knowledge transfer and increases errors, limiting deep application.

**Competitive market:** traditional BI players like Tableau and Power BI dominate visualization and standard analysis, while innovative AI products offer low-cost and lightweight analytics services.

## 3.2 Product Definition

ChatBI serves as an agent for customers to analyze data and make decisions by integrating LLMs, augmented analytics, and domain-specific knowledge.

1. **Q&A for caliber and sources:** Trusted ChatBI can be achieved through metadata Q&A based on generalized user intents and asset catalogs.
2. **Automatic dashboard layout:** ChatBI can recommend charts automatically based on metrics retrieval and computing results and support multi-round natural language interactions and copilot operations.
3. **Associative data collection:** ChatBI adds long-term memory and user-defined workflows during data collection, and supports self-modifying roles in analyzing and answering user's questions.
4. **Flexible service adaptation:** ChatBI is adaptive to scenarios and opens its capabilities to the service layer, including LLMs, local algorithm models, and configurable UIs.



### 3.3 Product Positioning

Aiming at linking data value chains horizontally and diving into industry scenarios vertically, ChatBI is serving as both AI analytics middle office and industry application engine.

- **End-to-end data value booster:** ChatBI can connect and govern multi-source data at upstream and build a unified data foundation by virtualization technologies; it models and analyzes data, as well as generates decisions automatically at the middle office; for downstream, it outputs industry scenarios to cover the closed loop across data insights and real-world execution.
- **Vertical scenario agent:** ChatBI provides specific generative AI+BI solutions for verticals including telecom, finance, governments, retail, and energy.

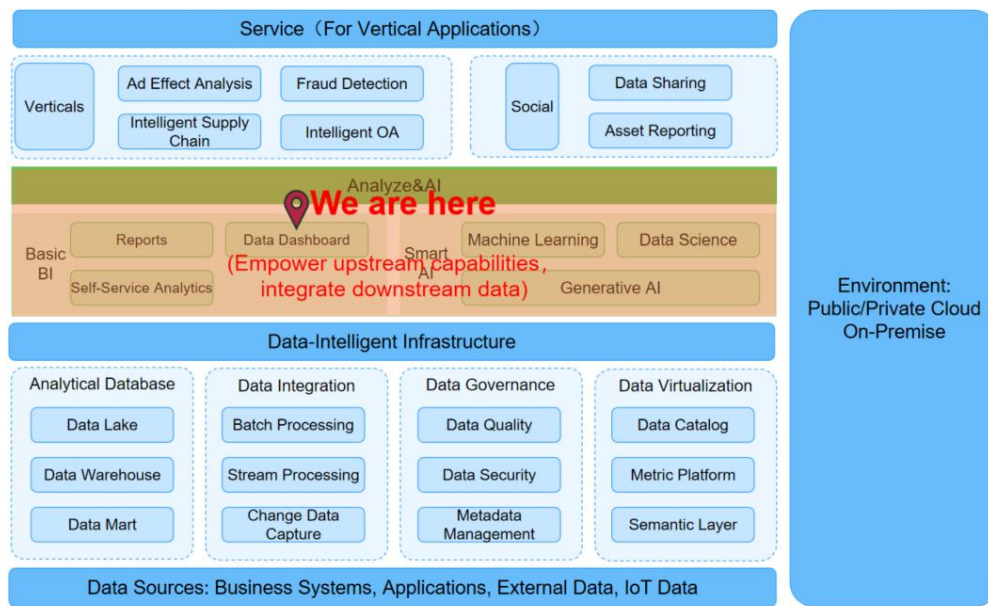


Figure 3-1 Product Positioning

## 4 Product Portfolio

AsialInfo provides customers with Usights product portfolio with 2+5+N architecture, 2 AI platforms, 5 industry-specific LLMs, and diversified agents. ChatBI, positioned in Usights agent toolkit, provides BI capabilities based on 2 AI platforms towards data analytics scenarios.

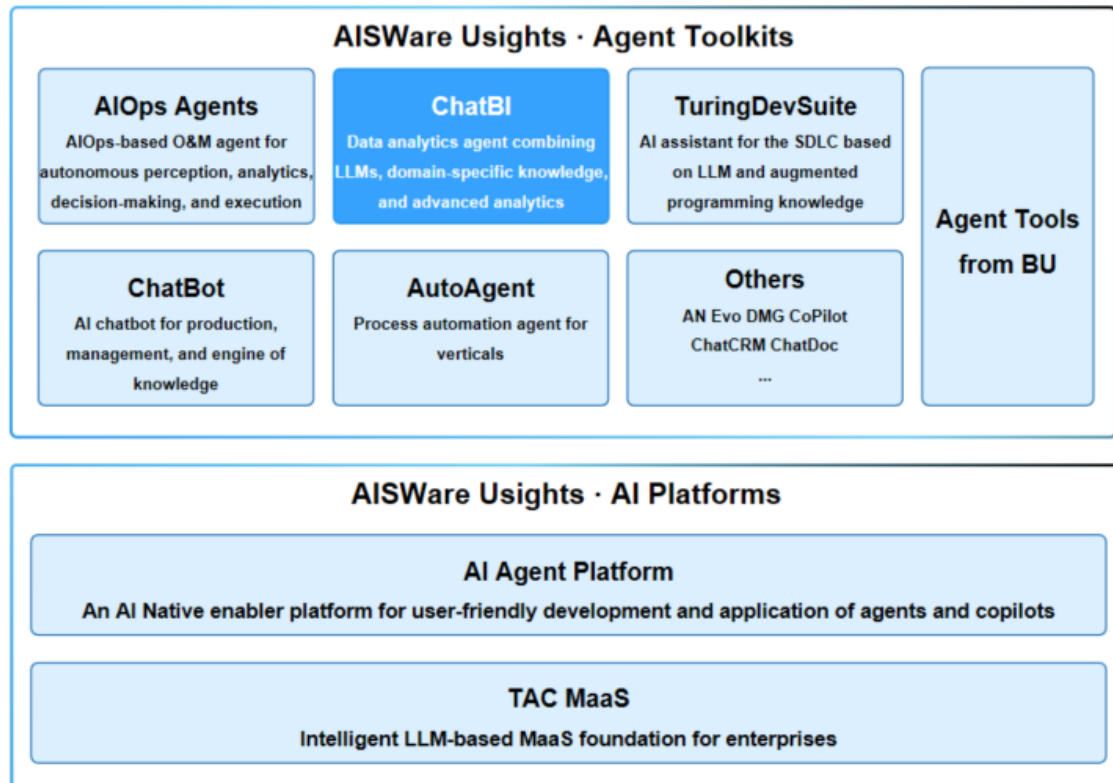


Figure 4-1 Product Portfolio

ChatBI adopts a five-layered bottom-up framework to cover from data access to decision output.

- **Terminal Interaction** layer provides diversified interaction APIs, including Web, Mobile(h5), API, and Desktop.
- **Application** layer contains three agents for scenarios.
  - **Data collector agent**: Users can interact with it through natural language, and ask it to collect data quickly;
  - **Discovery and analytics agent**: It can augment analysis on retrieval results, such as anomaly detection, driver factors, and

trend prediction, as well as support to integrate and extend local models;

- **Report generation agent:** It can automatically abstract key insights and generate structured reports based on LLMs.
- **Engine layer** includes one foundation and three engines:
  - **LLM foundation** supports local deployment or public cloud API.
  - **Agent engine** can dock its atomic capabilities with AAP and third-party agent platforms and configure workflows, knowledge, and memories by agents to enable one-stop analytics and decision-making.
  - **Visualization engine** supports various chart styles and can recommend visualized style with efficient graphic rendering based on data features.
  - **Augmented analytics engine** integrates machine learning and LLMs to enable advanced analytics for further data insights.
- **Semantic layer:**
  - **Dynamic few-shot** allows users to use optimized SQL to generate few-shot prompts for LLMs to learn;
  - **Domain-specific knowledge** supports customized configuration based on services to upgrade LLM's generalized semantic understanding;
  - **Indicator system** enhances semantic parsing of indicators by configuring atomic and derivative indicators, as well as categorizing indicators through business, and interfaces with the DataAtlas to integrate the user's model data;
  - **Report templates** allow configuration of CoT outlines for intelligent insight based on business logic.
- **Data layer:**



- **Data connectivity:** ChatBI allows multi-source data access and file data to integrate data seamlessly;
- **Data preparation:** ChatBI allows users to configure data dimensions, indicator caliber and data attribution;
- **Dataset:** ChatBI memorizes data in a structured form, and automatically identifies physical fields and field categories;
- **Metadata Dictionary:** ChatBI allows users to configure Chinese name fields and related datasets according to data dictionary.

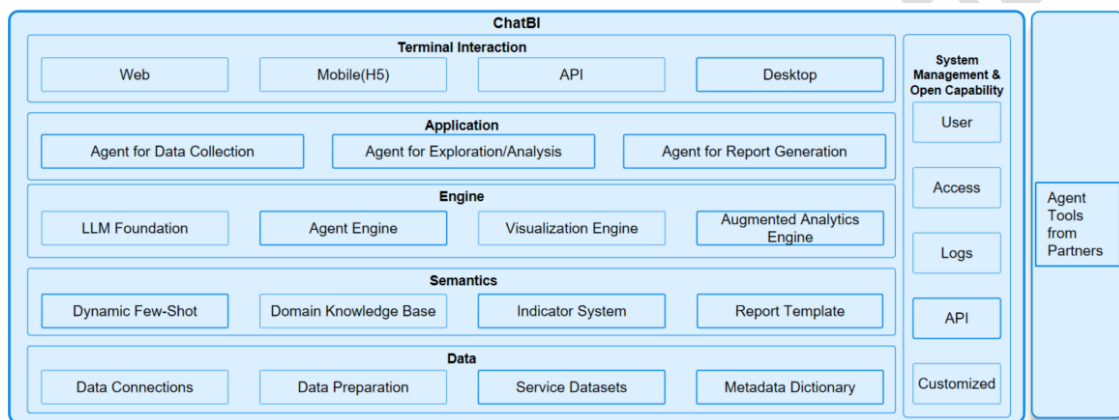


Figure 4-2 Product Architecture

## 5 Basic Functions

### 5.1 Dialog-based Data Retrieval

ChatBI allows users to collect and analyze data through natural language. It can match index, dimensions, and computing methods based on user intents, and generate SQL according to data table structures to suit multi-round scenarios on the application side.

### 5.2 AI-Powered Data Insights

ChatBI can dive deeper into data results and generates analytic insights based on machine learning and scenarios. It supports knowledge sorting, constructs scenario-based prompt engineering, and integrates LLMs for reasoning and SLMs for augmented computing to provide service staff with intelligent references.

### 5.3 Dashboard DIY

Users can build up his/her own dashboard based on needs to enhance efficiency based on ChatBI's rich visualization components.

### 5.4 Report Generation

ChatBI can automatically generate AI insights, which includes indicator comparisons, trends, and regional performance, and analyze data in the report. This function also allows users to import customized reports and associate indicators to retrieve reports and make decisions intelligently.

### 5.5 Complex Reports

ChatBI enables online design and analysis of complex reports in an Excel-like approach. It supports diversified report styles and visualization by combining Excel functions, dynamic cross-table computing, and multi-source analytics.

## 5.6 Service Management

ChatBI provides users with data sources and management across models, dimensions, authentication, templates, and feedback, as well as model configuration based on SQL and database association. Users are allowed to define their own configurations to optimize the analytics workflows to efficiently manage and analyze data.

## 5.7 System Management

ChatBI can manage accounts, roles, scripts, and system configurations. Users can create accounts simply, define and assign roles to keep system security and flexibility. It helps customers to develop a safe and efficient data service platform.

## 5.8 Operations Management

ChatBI can automatically manage user preference based on the user comment history, and add fine-tuned SQL to knowledge base to generate dynamic few-shots.

## 5.9 Data Analytics Agent

Users can DIY agent capabilities, such as skills, knowledge, and memories, and optimize interaction experiences by setting welcome message, question recommendations, and so on. By covering the full process from testing to debugging, ChatBI satisfies different user demands in different scenarios.

## 6 Featured Functions

### 6.1 Chat2SQL

Chat2SQL can transfer natural languages into SQL statement retrieval in different scenarios, such as index/caliber retrieval, drill-down analytics, ranking, advanced computing, and table structure Q&A.

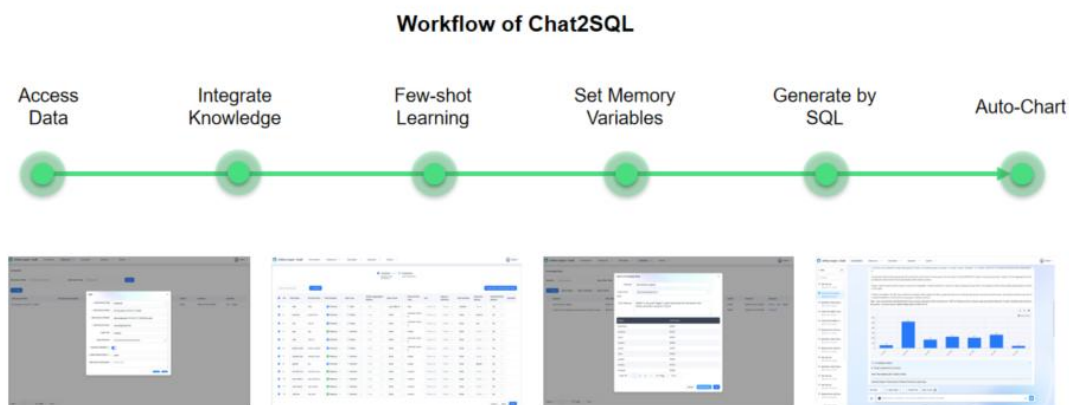


Figure 6-1 Chat2SQL

### 6.2 Data Interpretation and Generation

By sorting business knowledge, ChatBI can develop scenario-based prompt engineering, and augment cognition based on data, as well as interpret data and generate summary.

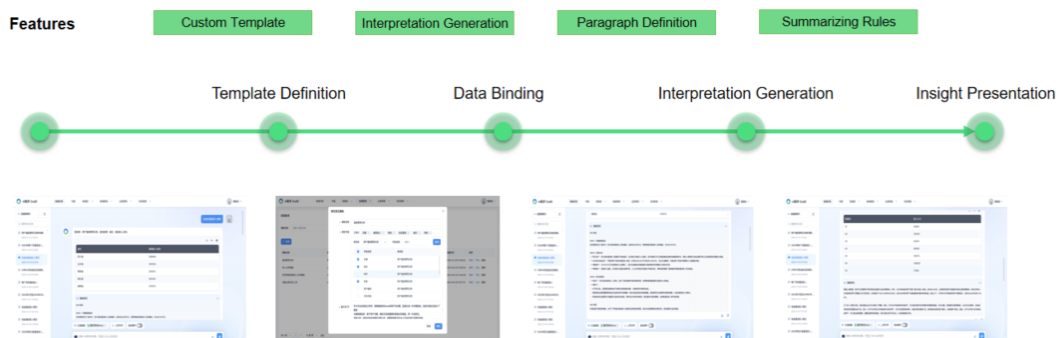


Figure 6-2 Data Interpretation and Generation

## 6.3 Augmented Analytics

ChatBI is capable of proactive insights, combined with an augmented analytics engine, to analyze user intent and collect data based on engineered LLMs. By integrating mining computing algorithms, it can be applied across various advanced analytics scenarios.

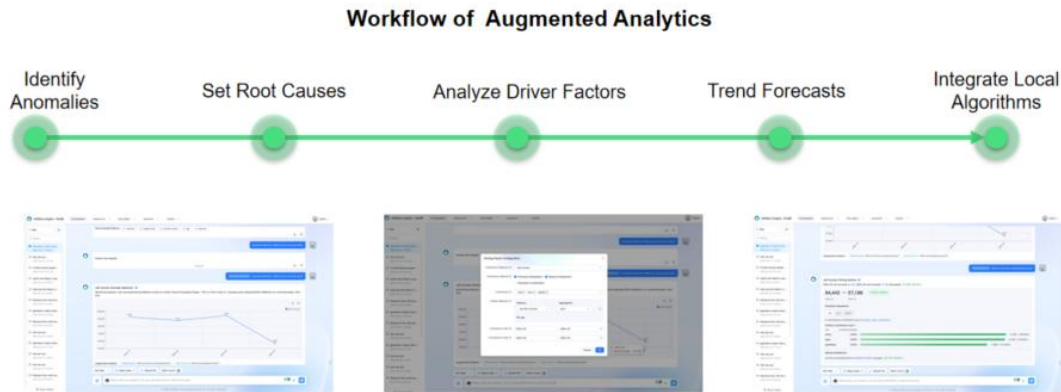


Figure 6-3 Augmented Analytics

## 6.4 Report Generation

ChatBI helps to add questions and chart answers into material library, and applies LLMs and tables/data from resource library to summarize, then finally generate reports automatically to enhance decision-making efficiency.

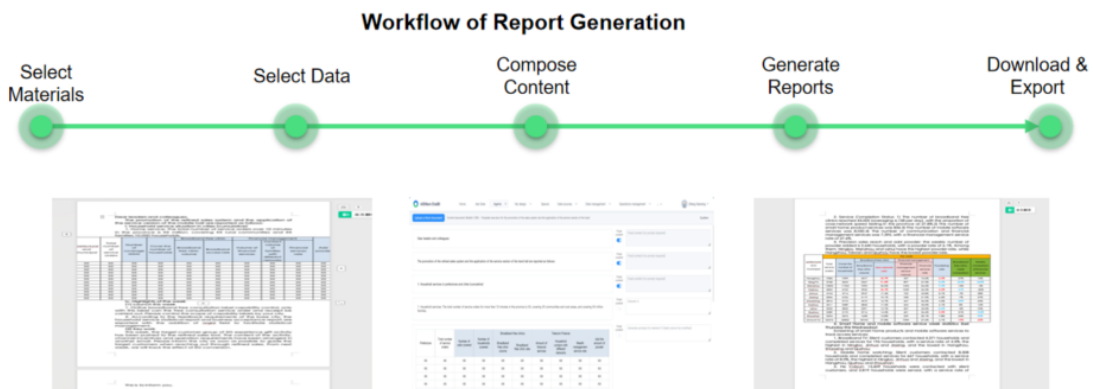


Figure 6-4 Report Generation

## 6.5 BI Agent Market

By configuring BI agent at Web page, ChatBI allows users to simply customize BI components and memories with its preset BI workflows. Atomic BI agent plugins supports both AAP and third-party agent platform, and is evolving towards collaborating with MCP.

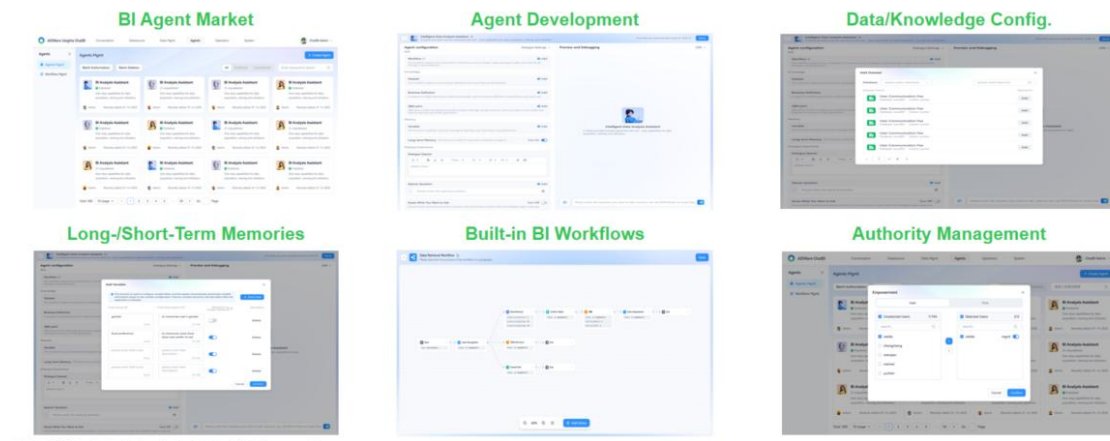


Figure 6-5 BI Agent Market



## 7 Unique Advantages

ChatBI enables data democracy and decision intelligence for enterprises and leads the AI+BI innovation with unique advantages.

### 7.1 Accurate SQL Generation

AsialInfo adopts LLM+SLM collaboration architecture, LLM for intent comprehension and SLM for rule verification, to enable ChatBI to transfer natural languages into complex SQL efficiently with an accuracy over 94%, which significantly exceeds the average of 80%-85% among industries. By combining business knowledge base verification and multi-source data validation, ChatBI reduces decision risks by aligning LLM-generated content logic with fact rationale.

### 7.2 Zero-Code Advanced Analytics and AI Decision-Making

ChatBI is preset with drag-and-drop machine learning workflows, enabling service staff to train and deploy models without coding. It provides closed-loop capabilities across anomaly detection, root-cause analytics, and strategy recommendation. Additionally, it integrates generative AI and domain knowledge templates to automatically output reports that contain charts, interpretation, and suggestions, allowing users to customize such reports to adapt to demands.

### 7.3 Out-of-Box Configurations

ChatBI docks LLMs deployed locally with algorithms from enterprises seamlessly, allowing users to configure to bind with model services. Users can also load preset agents in the BI agent market and customize analyzing workflows for quick scenario adaption.

## 8 Scenario Solutions

### 8.1 Automatic BA Copilot

#### 8.1.1 Application Scenarios

ChatBI can integrate with data engineering to respond quickly. Serving as a reliable data assistant, it leverages automatic workflows to reconstruct business analytics (BA) system, supporting global business overview and drill-down insights for more scientific decision-making.

#### 8.1.2 Business Requirements

Traditional BI cannot connect data silos which leads to high manual cost and long analytic cycles, and professional data analytics tools are not user-friendly. With rapid market changes, the weekly/monthly reporting system cannot retain customers on time.

Telecom operators are seeking to LLM+SLM collaborative architecture and integrate ChatBI into BA system to construct a natural language-driven BI platform with lower analytics manual input and real-time decision support for precise operations.

#### 8.1.3 Solution

ChatBI can upgrade telco's BA system with LLM for interaction + SLM for professional analytics through its all-round automatic technologies.

- Data access: Connect Auto-ETL with 10+ multi-structured systems to build a unified data lake for cross-domain data sync;
- Intelligent interaction: Construct natural language processing engine based on LLMs to support business staff to trigger analytic workflows through dialog and get multi-dimension data dashboard through auto-data interpretation.
- Augmented analytics: Integrates SLM for anomaly attribution and intelligent marketing strategy recommendation, as well as structured report generation.

This solution is aiming at transforming telco's BA system towards real-time intelligent control and helps users to monitor strategic indicators. Front line staff can get real customer data based on intelligent drill-down. Additionally, preset anomaly detection engine and AI analytics can close the loop across data retrieval, strategy recommendation, and report generation efficiently to reduce decision making duration.

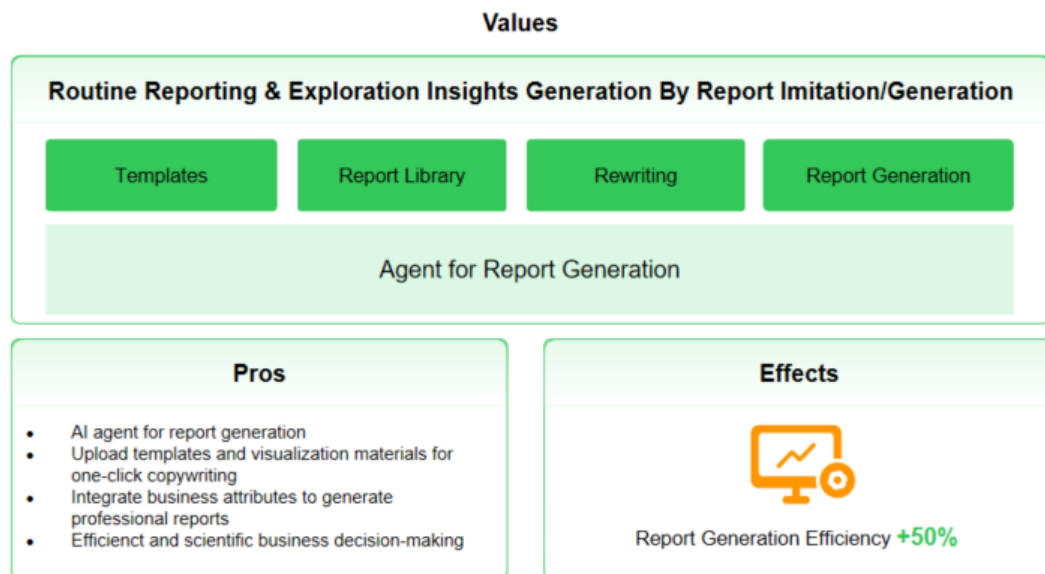


Figure 8-1 AI Data CoPilot & Intelligent BA Solution

## 8.2 Augmented Analytics for Precise Marketing

### 8.2.1 Application Scenarios

ChatBI is widely applied to business scenarios such as anomaly detection, fluctuation attribution analysis, and trend prediction of business chronological data, which can present multi-dimensional key conclusions.

### 8.2.2 Business Requirements

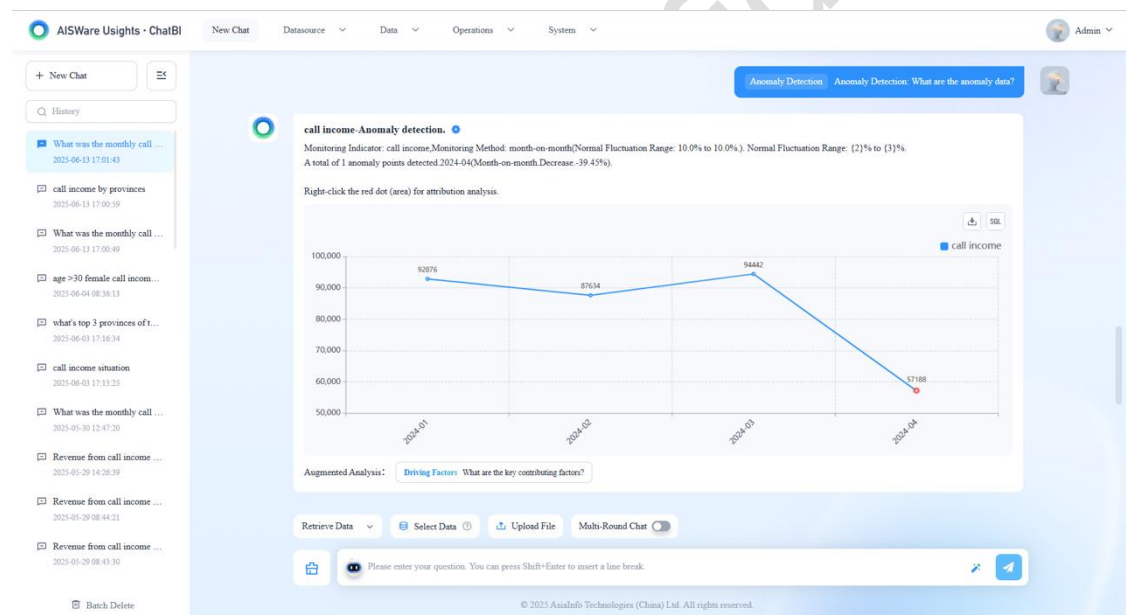
For business analysis scenarios, such as business situation, member operation, platform traffic, and commodity analysis, key indicators require high-frequency monitoring. However, the influencing factors often have multiple dimensions, making it challenging to determine the data for each factor's influence. Moreover, the long chain of attribution analysis for business changes and the heavy workload of the Dashboard require an augmented analytics

engine that incorporates LLMs and SLMs to quickly respond to ad hoc data needs and to reveal the reasons behind the data changes in-depth. By asking ChatBI questions in natural language, the system will quickly extract relevant data and analyze in multiple dimensions, as well as automatically identify trends/anomalies/key factors, and generate visual charts, so as to formulate strategies to optimize business decisions.

### 8.2.3 Solution

By augmenting analytics, ChatBI provides all-round support from data insights to marketing strategy.

- **Anomaly detection:** Visualize the anomaly by one or more charts to show significant deviation characteristics based on retrieved data and time sequence.



**Figure 8-2 Anomaly Detection**

- **Driver Analysis:** The Automatic data attribution module helps users disentangle changes in indicators across dimensions and gives a quantitative contribution to the explanation. Through fluctuation attribution, users can gain insight into the reasons for indicator changes and clarify the degree of influence of each dimension, as shown in Figure 8-3.

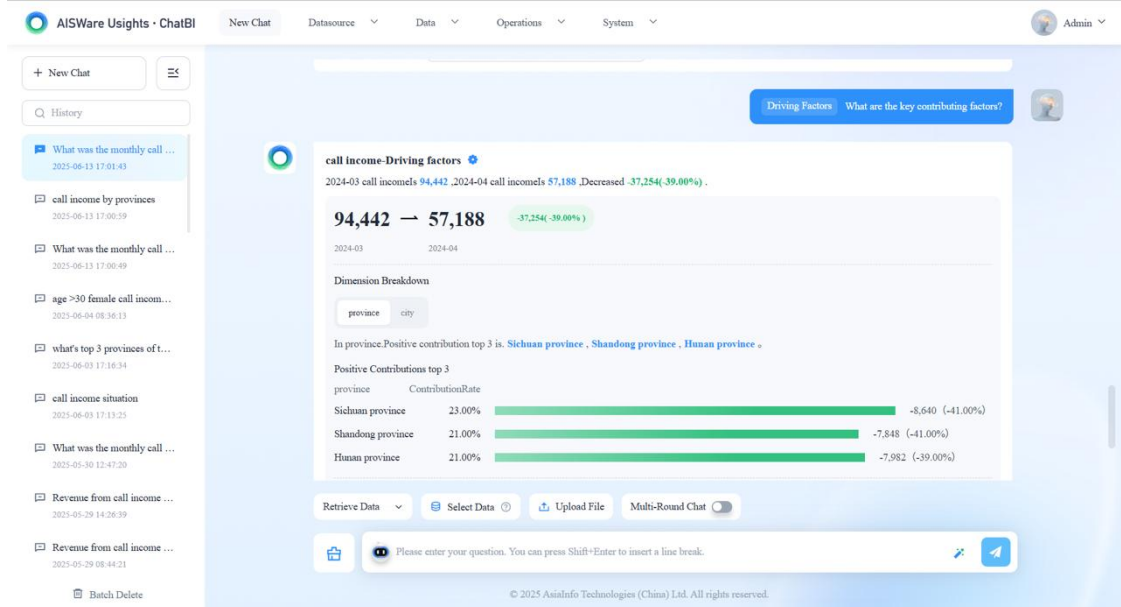


Figure 8-3 Driver Analysis

- **Trend Analysis:** With ML SLM, the system can automatically analyze the trend of historical data and predict the trend based on user-defined indicators and periods. By modeling the chronological data of key indicators, combined with multi-period weight adjustment, it improves the prediction stability and accuracy, helps users identify potential fluctuations in advance, and enables prospective judgment of business development trends and support for strategy optimization, as shown in Figure 8-4.

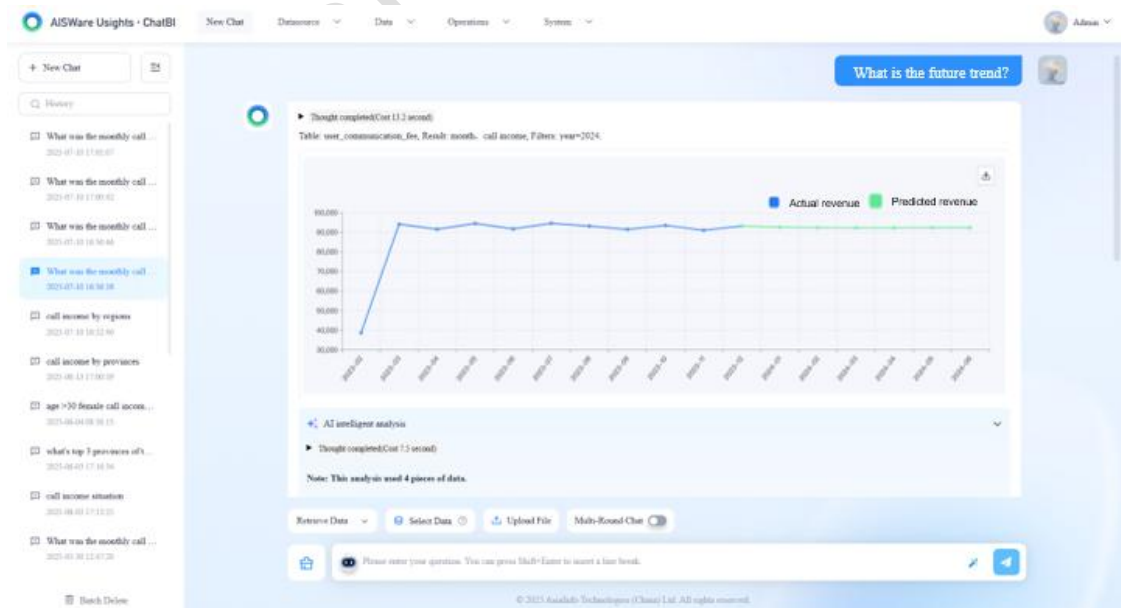


Figure 8-4 Trend Analysis

## 9 Use Cases

### 9.1 BA LLM for a Telco Group

#### 9.1.1 Customer Requirements

An operator group urgently needs to develop a set of LLM-based analysis system to quickly access key operational data, trend insights and make better decisions through natural language interaction. Simultaneously, the customer expects the system to have flexible and intuitive data visualization to help the chairman and leaders at all levels for quick observation of data from different business perspectives, and to support the efficient and agile operation management system of the group, as shown in Figure 9-1.

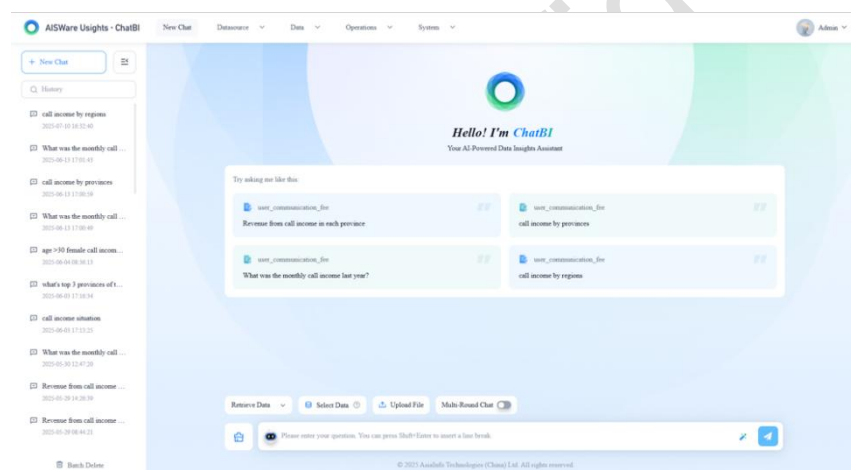


Figure 9-1 BA LLM

#### 9.1.2 Solutions and Effects

BA LLM constructs popular indicators to help managers get familiar with business operations quickly. With multi-round data Q&A, it assists service staff to discover more indicators and analyze data for summary and decision-making quickly. Besides, ChatBI also provides theme reports for governments, enterprises, and markets to enable managers to get knowledge of key business across China.



With centralized construction, ChatBI has covered 2000+ indicators, with an average of 1,500 clicks per month and analysis/report generation efficiency increased by more than 50%.

## 9.2 Disaster Analysis for the Firefighting Research Institute

### 9.2.1 Customer Requirements

The Fire Research Institute hopes to connect data with provincial and municipal firefighting agencies to develop a unified and real-time data collection and analysis mechanism. Through online data access and intelligent visual analysis tools, it can shorten the cycle from data collection to report generation, improve the perception and prediction of disaster trends, and provide scientific and practical alarm and decision-making support to front-line departments, so as to transform from post-emergency summary to pre-emergency prevention, as shown in 错误!未找到引用源。 .

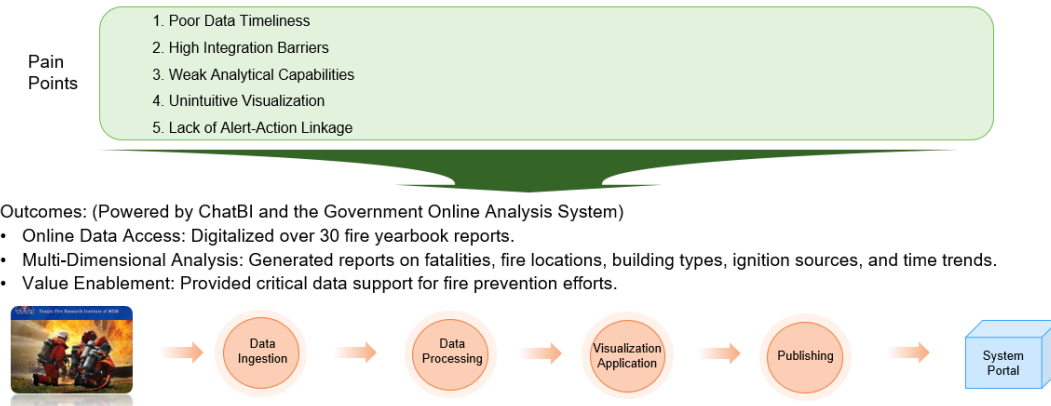


Figure 9-2 Case Background

### 9.2.2 Solutions and Effects

The digital research and analysis system for the Firefighting Research Institute is shown as 错误!未找到引用源。 :

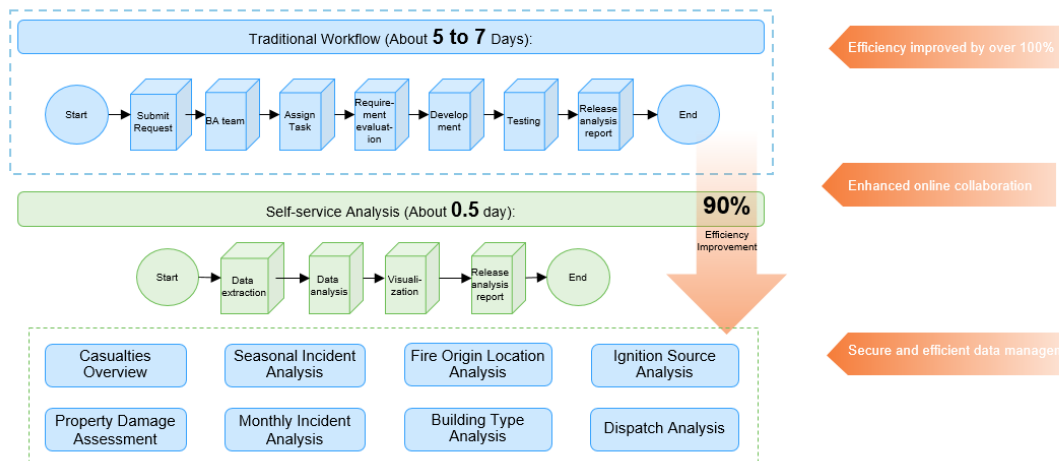


Figure 9-3 Case Effects

ChatBI supported more than 30 yearbook reports in a short time, completing the analysis of the number of fire deaths, fire locations, building categories, ignition sources, time trends, and other dimensions. It provides detailed and important data for fire prevention with rich built-in visualization components.

## 9.3 All-Round Data Analysis System for the Insurance Institute

### 9.3.1 Customer Requirements

An insurance institute with total capital up to 200 billion RMB needs to collect sales data of insurance products in time from 20 branches with a total of 400 sub-branches, and quickly analyze the daily operation status through agile analytics to improve the operation efficiency and enable fine management, as shown in Figure 9-4.

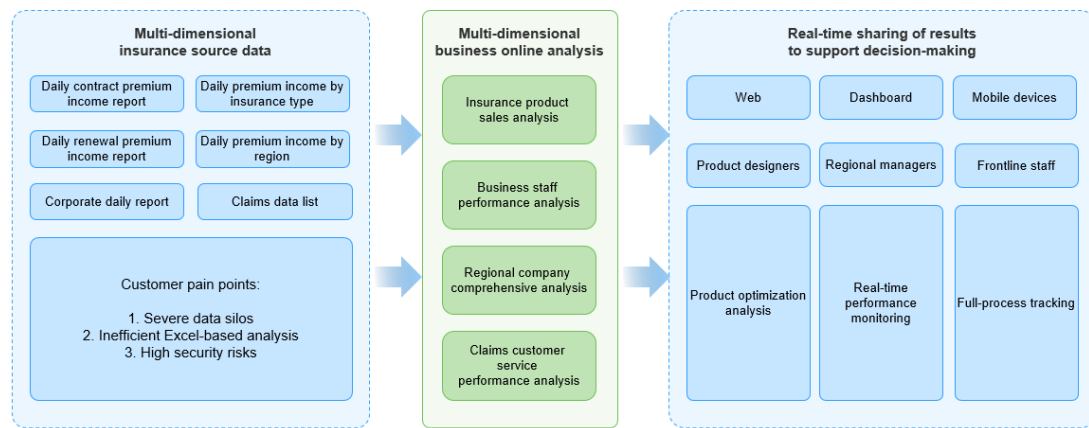


Figure 9-4 Case Background

### 9.3.2 Solutions and Effects

By developing a digital system covering 9 business lines and hundreds of insurance products, the institute has achieved quantitative management of more than 400 key indicators, and all charts are updated daily, synchronized with branches in real time. After implementation, the efficiency of data analysis has been greatly improved from 5-day analysis to half a day, effectively protecting data from frequent downloads.

With 70+ built-in visual components and 300+ graphical configuration options, ChatBI supports human-computer interactions such as chart associations and drill-down. It has developed a visual dashboard covering a wide range of topics such as revenue analysis, premium statistics, manpower costs, and renewal forecasts. Users can view the task status and product premium revenue in just one click in a flexible and interactive way.

## 10 Certificates and Awards

### 10.1 Research Reports and Certificates

AISWare Usights • ChatBI has been named in the following global research reports and received awards in the industry.



**Figure 10-1 Gartner *Hype Cycle for Data, Analytics and AI for Enterprise Communication Services, 2024***



**Figure 10-2 Gartner *Market Guide for Business Intelligence Platforms, China, 2024***



Figure 10-3 King Yuan List of Innovative Service Product, 2021



Figure 10-4 Excellent Innovative Software List 2022-2023 by CFEII

## 10.2 Patents and Copyrights

The patents obtained by ChatBI are as follows:

- Automatic visualization and device based on information entropy (Patent No. 202410084889.X)
- An augmented analytical approach and apparatus based on telco data (Patent No. 202210220935.5)

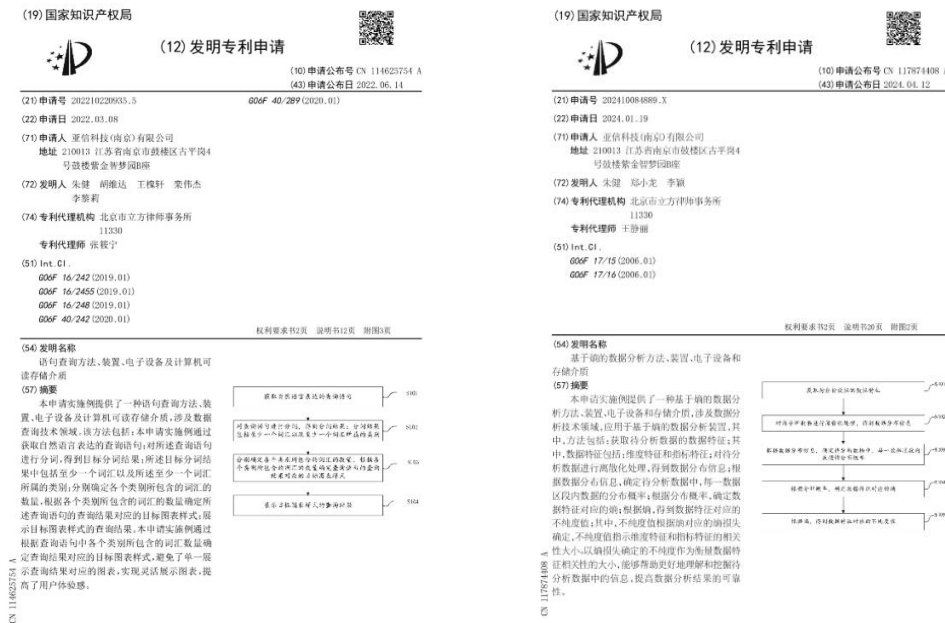


Figure 10-5 Patents of ChatBI

The software copyrights obtained by ChatBI are as follows:

- AISWare Usights • ChatBI V5.2 (Software Copyright No.: 2021SR0659410)
- AISWare Usights • ChatBI V1.0 (Software Copyright No.: 2019SR0711536)
- AISWare Data Analysis and Visualization Platform V1.0 (Software Copyright No.: 2024SR1191336)
- AISWare Interactive Data Analysis Platform V1.0 (Software Copyright No.: 2021SR1830449)



## 11 Contact Us

### AsialInfo Technologies (China) Ltd.

**Address:** AsialInfo Building, 10 East Xibeiwang Rd, Haidian District, Beijing,  
China 100193

**Postcode:** 100193

**Fax:** (+86) 010-82166699

**Tel:** (+86) 010-82166688

**Email:** [5G@asiainfo.com](mailto:5G@asiainfo.com)

**Web:** [www.asiainfo.com](http://www.asiainfo.com)



# Thank you



Customer Value Innovator & Digital Transformation Promoter with Full-Stack Data Intelligence Capabilities

---

All Rights Reserved by AsialInfo Technologies (China) Ltd.