

Transforming Legal Research with AI: A Prestigious Court's Success with AvePoint's Intelligent Case Retrieval System

Customer Profile

The highest judiciary body in a leading jurisdiction in APAC oversees both appellate and trial courts. It is dedicated to delivering justice through independent and fair adjudication of cases, while maintaining the highest standards of judicial conduct and transparency.

Location

APAC

Industry

Government Agency

Success Highlights

- **30% reduction** in time spent searching for relevant case precedents
- **Enhanced decision making** through visualized search results and intelligent suggestions
- **Improved accuracy** in search results with AI-driven indexing and guided search features

Solution

AvePoint Intelligent
Case Retrieval System

The Challenge

The judiciary body was failing to conduct effective case searches due to several key issues:

- Inefficiencies of traditional case search methods;
- Large, hard-to-access legacy data repositories;
- System fragmentation and limited data governance;
- Complex structures with poor data quality;
- And resource constraints.

These challenges resulted in time-consuming processes, inaccurate or incomplete findings, and ultimately hinder effective decision-making, impacting overall business performance.

The AvePoint Solution

AvePoint's Intelligent Case Retrieval System (ICRS) was implemented to address these challenges by leveraging advanced AI and machine learning to provide:

- 1 **Intelligent Search for Accurate and Complete Information:** ICRS enhances search accuracy by offering intuitive guided search and intelligent indexing, utilizing Amazon Kendra. This intelligent search service uses natural language processing and advanced machine learning algorithms to provide specific answers and an experience similar to interacting with a human expert, ensuring users can conveniently find relevant case information.

2 Visualisation of Search Results for Effective Decision Making and Analysis:

ICRS enables users to visualise search outcomes through multiple chart formats and interactive filtering, aiding in comparative analysis. This visualisation capability, combined with the intelligent retrieval powered by Amazon Kendra and AWS Comprehend, allows users to quickly identify patterns and insights, empowering effective decision-making and analysis.

3 Comprehensive Insights on Stakeholder Search Behavior and Trending Inquiries:

ICRS integrates data visualisation with intelligent retrieval to deliver in-depth insights into case outcomes and trends. By leveraging AWS Comprehend's ability to gather and analyse data insights alongside Amazon Kendra's advanced search capabilities, stakeholders gained a robust tool for understanding search behaviour and trending inquiries, informing decision-making and strategy development. ICRS also integrates with the existing litigation case repository.

The Bottom Line

The judiciary body can now enhance its legal research processes with the ICRS, making case retrieval faster and more accurate. With ICRS, the judiciary body reduced the time spent searching for relevant case precedents by 30 percent. It can also improve the system's performance by adding more AI features, connecting with more legal databases, and providing ongoing training for users to optimize the system's benefits. AvePoint as a strategic technical partner will collaborate closely with the judiciary body to leverage the latest technology to achieve sustainable business success, including using the latest technology like GenAI to ensure their continued success.



The implementation of AvePoint's Intelligent Case Retrieval System has revolutionized our legal research, reducing the time spent searching for relevant case precedents by 30% and significantly enhancing our decision-making through AI-driven indexing and intelligent search suggestions."



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