

RepiaCom Inc., Ltd.

Developer of RFID and Enterprise Search Systems

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Introduction

RepiaCom Inc., Ltd. (the “Company”) is a leading edge Korean technology company that specializes in the development of hard and soft RFID components as well as optimized appliance search systems. The Company has successfully completed development on a number of exciting technologies that are ready to be fully commercialized. This includes Ultra ALE (EPCglobal ALE v1.0 based UHF-RFID Middleware), Ultra RRA (RFID Reader Adapter), RSA S/E/K Series of search appliances, RSS (Repia Search Server), REKMS (Repia External Knowledge Management Server), RWDS (Repia Web Directory Server), and RASS (Repia ABEEK Supporting System).

Corporate Profile

The Company was originally formed on April 11th, 2000 and immediately began operations with a strong focus on search technologies. Later that same year, it founded the Repia Broadband Search Service – the first completely synthetic search service capable of searching various object types like web-pages, regular documents, images, sound, and multimedia files on the web. With such a robust search service, the Company began an ASP (Application Service Provider) service in 2001, serving major clients such as Naver, Lycos, Nate, Dreamwiz, and many others. The Company was then certified as a “Venture Company” by the SMBA (Small and Medium Business Administration) later that same year. Accolades did not stop there as the Company was subsequently awarded with the “Excellent Technology Company” award by KOTEC (Korea Technology Credit Guarantee Fund) and the “INNO-BIZ” title (Innovation Business Company) by the SMBA.

In 2004, the Company began supplying the Korean Ministry of Finance and Economy, Ministry of Unification, Ministry of Agriculture and Forestry, Samsung, LG, and many other firms with integrated search engine technology. For its endearing efforts in continuous improvement, the Company was awarded the Grand Prize on “Integrated Search Engines” at the 4th Korea Digital Awards. The Company’s involvement in RFID began in 2004 when it joined the Korean Association of RFID/USN. In the following year, the Company began receiving orders to further develop RFID networks from NIDA (National Internet Development Agency) and has never looked back. With its rich experience in search technologies, the Company is set to move on to greater heights with its continued successes in the research and development of RFID middleware, its expertise in RFID network integration, and adeptness in search technologies.

Ultra ALE (EPCglobal ALE v1.0 based UHF-RFID Middleware)

Ultra ALE is the Company's ALE (Application-Level Events) based RFID Middleware product. With the ratification of the ALE standard for managing EPC (Electronic Product Code) data, ALE software, which is able to process tag data from Gen 1 or Gen 2 EPC tags, provides an interface for filtering and consolidating EPC data from interrogators. Ultra ALE allows the generation and retrieval of EPC data in a consistent manner especially in situations demanding high event control efficiency. The middleware supports large scale RFID network deployments and is compatible with leading RFID readers and adapters such as Matrics, Alien, Intermec, AWID, SAMSys, and ThingMagic. With an accessible web-based administration panel, Ultra ALE makes data acquisition and real-time RFID network monitoring and control a breeze. Ultra ALE is also flexible in its operating environment and supports various base units that would benefit greatly from the added robustness, ease-of-use, and performance. If compatibility is still an issue, the Company also features the Ultra RRA (RFID Reader Adapter), a solution that ultimately solves compatibility issues by supporting a host of various manufacturers' readers such as Symbol, Matrics, Alien, AWID, Intermec, and many more.

A "Total Search" Solution

The RSA S/E/K Series of Appliances are 1U rack-mountable servers in a small and convenient form-factor that together contribute to the creation of a total search solution for any organization. The 'S'-series for web-site searches together with the 'K'-series for external knowledge management and the 'E'-series for enterprise search functionality form the hardware layer of this optimal search model that combines speed, efficiency, accuracy, and flexibility.

The RSS, REKMS, RWDS, and RASS complete the picture by providing added software functionality. The RSS manages search queries and applies numerous algorithms to parse, index, and filter data in an effort to organize the search results as a symmetric process between the client and server. Various spiders and crawlers traverse different data sources to retrieve the relevant pieces of data to be cached for ready client access. It also supports load balancing ensuring consistent service availability and network redundancy.

The REKMS on the other hand manages knowledge gathering, organizing, and diffusion between users and external knowledge sources. This enables users to obtain richer information in a faster and more efficient manner as multiple sources are continuously vetted and their content organized accordingly in real-time.

The RWDS provides further web directory service functionality to the entire search paradigm. It allows for the efficient systematic classification and management of web-site data by breaking down their individual parts into similar object to make searching easier in the future.