

The Legacy Applications Sinar Mas Land's Joint Venture



Executive Summary

PT Bumi Serpong, Tbk as the developer of BSD City and their joint venture Dwijaya Karya Development are working together in developing BSD City area. Both of the companies are still using many legacy applications. Before the implementation of AWS, Sinar Mas Land Joint Venture was using several legacy applications that cover several business processes. PT Samakta Mitra offered a quick and agile solution for Sinar Mas Land Joint Venture. After using AWS, they successfully achieved its goal, this solution modernized the application and speed up business process.

Sinar Mas Land Joint Venture

PT Bumi Serpong Damai Tbk is the developer of BSD City, the largest independent city in Indonesia and the flagship project of Sinar Mas Land measuring to 5,950ha consisting of residential areas and the CBD. In early 2011, BSDE had completed the acquisition of affiliated companies, PT Duta Pertiwi Tbk, PT Sinar Mas Teladan and PT Sinar Mas Wisesa. The acquisition is expected to improve the performance of BSDE especially in income portfolio and business diversification.

Enhancement of portfolio was also implemented in 2011 through corporate actions such as the formation of joint venture subsidiary resulting in several strategic partners both internationally and nationally. The joint venture include Dwijaya Karya Development. Sinar Mas Land and Dwijaya Karya Development are working together to develop few apartments block in the BSD City area. Under a joint venture called PT Bumi Megah Graha Asri, the two companies developed Akasa Pure Living Apartment and will be developing Apartemen & SOHO called Upper West BSD.

Sinar Mas Land Joint Venture Challenge

Currently they are using many legacy applications. The catch in legacy application is that are not scalable, not adaptive, and not agile. So that if there is any changes in the business process and features of the application, implementation will be difficult and there will be many obstacles. As it is called, Legacy, manpower support for the project was challenging, because the application using an old platform, infrastructure also impossible, because the infrastructure was running in the old infrastructure. The legacy applications has been running for almost 10 years.

Why AWS?

AWS has many different cloud computing products and services. Amazon Web Services provides servers, storage, networking, remote computing, email, mobile development, and security. One of the main product is Amazon EC2. AWS has many availability zones in which its servers are located. These serviced regions are divided in order to allow users to set geographical limits on their services, but also to provide security by diversifying the physical locations in which data is held. AWS also support infrastructure for the applications, along with S3 and backup system.

About Sinar Mas Land Joint Venture



DWIJAYA KARYA
DEVELOPMENTS



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PT Samakta Mitra (OneSmartServices) Solution for Legacy Apps Sinar Mas Land's Joint Venture

OneSmartServices modernize their application using AWS. Modernization in order to make the application agile and more scalable. So if there is a new business process, it will be implemented faster. And when the transaction size is high, it can also be more scalable. OneSmartServices started with the backend side, from the sales and inventory side. And OneSmartServices built their applications on the platforms provided by AWS. Products used in infrastructure are EC2, S3, and backup system.

Result & Benefit for Sinar Mas Land Joint Ventures

Metrics	Legacy Apps	aws
Scalability to Business Requirement	Low	High
Agility to Business Challenges	Low	High
Time to Ready for Services	Low	High



By migrating the service to AWS reliable platform, now is easier to roll out legacy apps or add capacity due to the increase in the number of users. Since the business is much faster, Sinar Mas Land can avoid lost and maintain business agility.

About PT Samakta Mitra (OneSmartServices)

PT Samakta Mitra is an independent local owned company and a pioneer in ITaaS provider focusing on the solution that meet the customer business requirement through the design, development, deployment, and maintenance of IT based services which include cloud system, network infrastructure, Smart City, and many more. Established as a multi-division organization in 2016, supported by big company in Indonesia and formed by some people whose expert and with vast experience in IT, financial, customer oriented and operation area, PT Samakta Mitra emerged a leader in the deployment of system technologies including business applications, blue print, data centre, cloud computing, structured cabling, GPON, telephony services, wireless infrastructure, and security system integration. Samakta Mitra committed to staying intimately in tune with client's needs. PT Samakta Mitra is a registered partner of Amazon Web Services as consulting partner.

