Good morning, everyone. I appreciate the opportunity to be here. Now I’ll talk about our project: Financial Data Analysis and Monitoring Based on Spark and ELK.

First of all, let’s take a look at this question: What differentiates today’s thriving companies?

Data.

As a data management team of Prime Broker, sometimes we don’t know clearly for the data the business really care. We can see there are some duplicated data to save day by day, which look like unreasonable, but we are not sure if they are meaningful for business. So, if we have a tool to analyze data and its usage, we can better understand and optimize database. In this project , we collect information from application log and database log. We also have some senior developers who are familiar with business data flow and database experience to analyze data. So this tool can provide prospective report, high-quality data analysis service for manager and data analyst, real-time data monitoring and risk warning for support team.

OK. Now look at the architecture of the project. From this slide, we can see 2 lines from data producers to business. These 2 technical lines correspond to different application scenarios.

First, take a look at the above line.

We had created a simple and easy analysis tool, by combing the popular Elasticsearch, Logstash and Kibana. It can quickly analyze log data through configuration.

Next, the following line can be divided into 4 layers.

1. Flume as a data collection layer can collect data in different scenarios.
2. Kafka as a data transmission layer can receive data from flume.
3. Spark as a data process layer pull data from the Kafka cluster in real time.
4. MongoDB, as a data storage layer, stores real-time data. All of data is also stored in the Elasticsearch for subsequent search analysis.

So this project will help your organization seize its data dividend. You will be a data hero.

Finally, let’s take a look at the DEMO.

Thank you for your attention. I’d be glad to answer any question you might have.

Dear Lee:

I have pleasure in inviting you to attend our special conference to be held at the Clifton Hotel, London on Tuesday/Wednesday 8/9 October 2016.

This intensive, practical conference for professional secretaries aims to:

* Increase your managerial and office productivity
* Improve your communication skills
* Bring you up to data with the latest technology and techniques.
* Enable networking with secretaries

The seminar is power-packed with a distinguished panel of professional speakers who will give expert advise on many useful topics. A programme is enclosed giving full details of this seminar, which know you will not want to miss.

If you would like to join us, please complete the enclosed registration form and return it to me before 30 June with your fee of $50 per person.

I look forward to seeing you again at this exciting conference,

Yours sincerely