Correlsense Ltd.

Executive Summary

August, 2019

Overview

The Company, Correlsense, developed an **Enterprise Application Performance Management solution (APM) (**The **"Technology"**). The Technology had a proven record with large scale customers tracing billions of transactions a day across multiple industries and large variety of technology stacks. among others, ensures complex enterprise software applications perform as required by the business and can provide a broad range of coverage and reports across new, legacy, and commercial software and a variety of user endpoints. The Technology Captures and can index transactions and user data in a big data architecture. **Total investment reached $30 million.**

* HQ in Israel, Leading customers in multiple industries :

* 2016 revenues: sub-$10M (~40% growth) with a staff of sub-50.
* Headquartered in Israel with a US sales office, the company has sub 50   employees   •
  Patent's

Correlsense IP:

Patents:	1. Agent patent allowed 18/11/2014: Apparatus and Method for Tracking Requests in a Multi Threaded Multi Tier Computerized Environment. 2. Agent patent allowed 28/05/2014: Apparatus and Method for TrackingTransaction Related Data
API Management:	The company's technology captures every single API request sent to a provider, with automatic statistics of usage and success rates, no effort required. We can enhance these features to include also more advanced reporting, billing and other business metrics, and can assist in transforming practically any application/technology into an API provider.
MicroServices Management:	As Microservice/Containers are more adapted, the ability to know exactly each time a microservice is utilized, volume, performance and where within the datacenter topology is key.
Docker/ OpenStack Management:	The company's technology works Out-of-the-Box within Docker and above OpenStack. Create a set of additional management tools specifically for either Docker and/or Openstack, as both frameworks are expanding it's adoption within the enterprise, so there is a unified view of the applications and services within and the underlying framework.
Application Layer Security:	Since every single user activity is intercepted, we see every type of data sent into the application and from it. We can easily add a layer in which one can define security policies based on payload data - credit card numbers, network IP it came from, time of day etc. and add a whole new level of security that is not available today in the market.
APM as Managed Service:	Targeting Cloud/Saas providers mostly, that are interested in introducing new added value services to their customers. Make sure every new server/service that is provide to the customer, is already part of a managed APM solution the customer can use. By that create differentiation and new type of offering for Cloud/Saas customers.
User Session Analytics/ Proactive Management:	Mainly targeting the marketing/business side of Online Services, our technology follows through every single user session, page visited and data sent. Our technology enables to follow through, in real time, every single user accessing a website and trigger immediate actions based on his activity or failure to fulfill tasks. Was used by the Online Gaming industry to create better service and higher $$ coming in from VIP customers, by detecting in real time any issue they may have will placing a bet. Can be adjusted to any type of market segment.

The Advantages of Corrrelsense IP:

Most APM companies monitor modern Java or .NET applications, focusing on vertical technology stacks and lacking complete hop-to-hop trace of every user request or the real-user experience. **Correlsense traces transactions across modern and legacy applications; homegrown and commercial; SaaS based or mobile apps; within Desktop Applications and Citrix, across Oracle Forms, Documentum, Tuxedo, WMB or hundreds of other supported platforms**. **Correlsense has invested hundreds of man years in developing a Real Time Correlation Engine, Scalable that can correlate vast amounts of pieces of transactions into a single coherent transaction instance representing a single user activity.**

APM with end2endl transaction tracing

- Monitor all transactions and hops in real time
- Multiple language and commercial application support
- Deep dive to code level
- Browsers and mobile
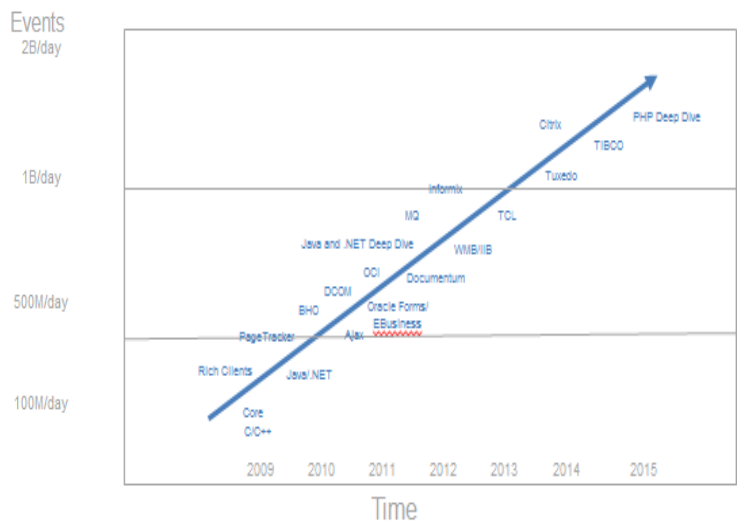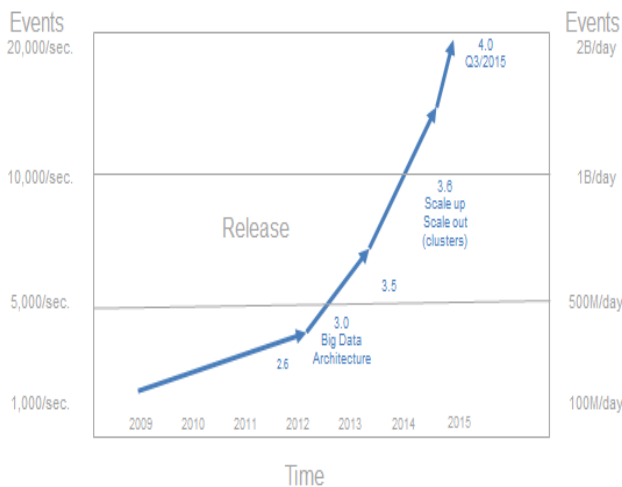- On-Prem or Saas Multi Tenant.
- Simple Download

Real Time Correlation Engine

- **Big data (Redis, Lucene) architecture, Scalable**
- **Correlate pieces of data sent from different sources into a single logic chain (transaction) in real time**

Agentless Topology For all applications

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- Agentless based quick topology discovery and mapping for all environments
- First step before full APM deployment

Figure 1. Magic Quadrant for Application Performance Monitoring Suites

Source: Gartner (March 2018)