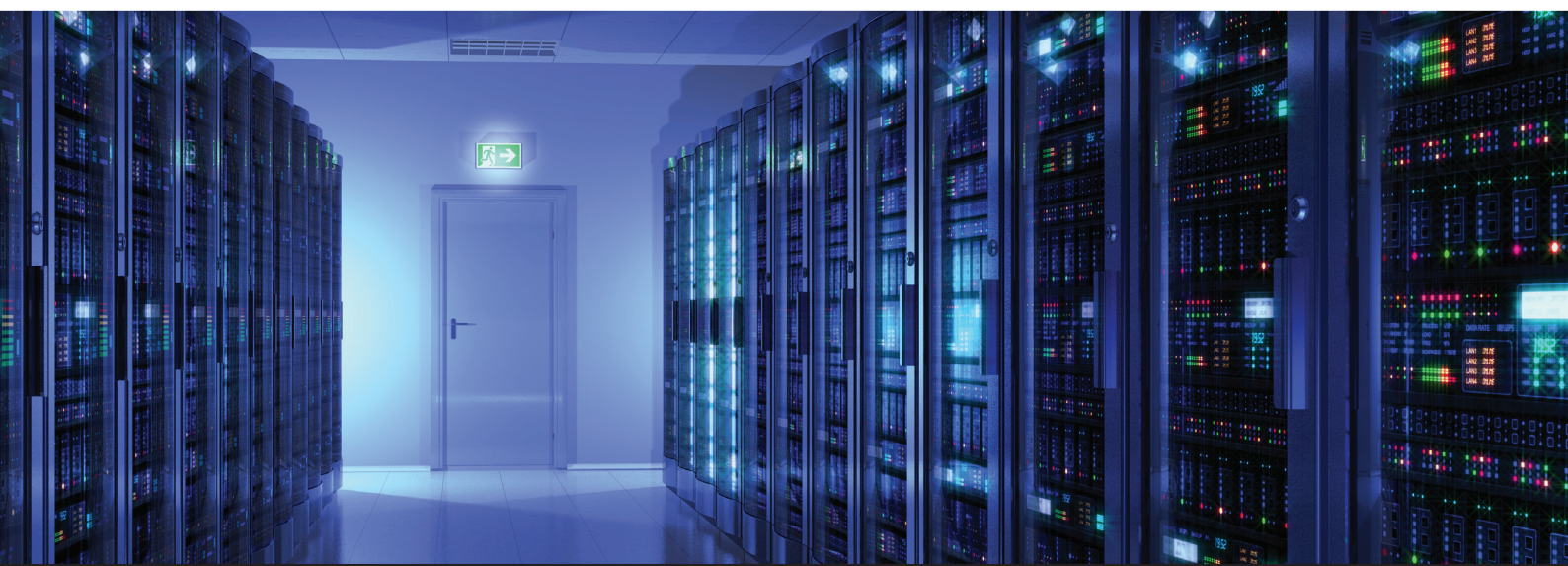




CORPORATE OVERVIEW

CHALLENGE

As the data-reliant financial sector faces increasingly sophisticated fraud attacks and credit risk; real-time threat intelligence is essential to day-to-day operations.

ThetaRay delivers advanced analytics to safeguard against the variety of unknown risks and unprecedented threats plaguing this industry. Measurable benefits for ThetaRay's financial services customers include revenue loss reduction, improved fraud detection and decreased false positives.

For the industrial sector, ThetaRay's early warning systems and predictive analytics detect anomalies in mission critical facilities, vital to improved safety, quality and machine optimization. ThetaRay's accelerated and automated data analytics also provide a crucial protective layer against invasive cyber-threats, allowing enterprises to focus resources on investigating more complex anomalies.

ThetaRay pioneering and hyper-dimensional big data analytics solution is entirely math-based. Big data is continuously and simultaneously analyzed across multiple environments, operations, devices and protocols. ThetaRay is unique in its ability to identify

the first sign of threats in seconds before any impact to financial services or industry critical infrastructure can take place.

What sets ThetaRay apart from other threat and risk detection solutions is the ability to identify and predict anomalies before they even happen. ThetaRay's groundbreaking technology has taken a new leap in data prediction profundity and precision.

Truly harnessing the untapped potential of big data, ThetaRay reveals the unknown and prepares for the as yet unexperienced. Whether assessing risk, pro-actively protecting assets, avoiding downtime, more effectively allocating resources or taking preventative measures throughout the operational life-cycle, ThetaRay's data analysis achieves what was considered the impossible.

Thetaray helps enterprises navigate an ever-evolving digital world, drawing meaningful business insights to ensure their competitive advantage and discover new opportunities. Aligning both financial and industrial sectors with big data initiatives, ThetaRay customers can harness their vast information reservoir to grow their business, initiate new services and generate new revenue channels.

KEY BENEFITS



Preventing industry unplanned downtime

Taking proactive action against disruption to production and time-to-market



Reduced operational costs and manual resource savings

Automating the first line of defense with accurate user-free detection



Increased revenues and profit levels

Boosting business performance and generating new business opportunities



Strengthened organizational immunity levels

Detecting anomalies early to minimize impact on safety, costs and reputation

MARKET FOCUS

ThetaRay reaches customers from the financial sector and service industries, to critical infrastructure, process control and performance monitoring. The company's activities are currently focused in North America, Europe and Asia.

SNAPSHOT



Founded in 2013



Backed by JVP, GE, PCM



40 employees



HQ: New York, Tel Aviv

THETARAY'S ANALYTICS PLATFORM

ThetaRay solves the most intractable security problems, enabling customers to detect and defeat the unknown. This rule-free solution simultaneously monitors, analyzes and centralizes feature-rich big data from all sources – both inside and outside the organization's boundaries.

The following key points indicate the ThetaRay value differentiation:



Unmatched risk detection rate

Increase efficiency and accuracy with usable indicators



Industry-low false positive rates

Focus your experts on the events that count



Rule-free, unsupervised, non-heuristic

Protect against next generation attacks and predict the unexpected



Math-based, big-data analytics

Achieve quantitative results you can trust



Automatic, real-time detection

Instantly transform data into business insights



Easy & fast deployment, always up-to-date

Retain the relevance and competitive advantage of your data

ANOMALIES DETECTED IN SECONDS

Unlike competing solutions that apply rule-based legacy methods and manual querying to detect threats, ThetaRay does not rely on any known approaches or data information. Instead - anomalies are automatically detected and that spells out unknown threats, from all data sources in parallel. Results are produced in seconds, and before any impact to production, safety or revenues occur.

IDEAL APPLICATIONS INCLUDE:



For the financial services sector

- Business Loan Fraud Detection
- Consumer Credit Risk Reduction
- Predictive Online Credit Rating
- ATM Security



For the industrial and critical infrastructure sector

- Predictive Maintenance
- Operational Efficiency
- IoT Cyber Security
- Safety Assurance

MANAGEMENT AND FOUNDERS

Mark Gazit, CEO

Mr. Gazit is a prominent senior executive with over 20 years of experience in Israeli and international high-tech companies. His previous positions include Managing Director of Cyber and Intelligence Solutions at NICE and Former President & CEO of SkyVision LLC. Mr. Gazit has worked extensively with governments, law enforcement agencies, security and intelligence agencies and large conglomerates all around the world.

Prof. Amir Averbuch, Co-founder

Professor Averbuch is a well renowned expert in applied and computational harmonic analysis, big-data processing and analysis, wavelets, signal/image processing and scientific computing. Throughout his academic career he has supervised over 30 PhD students, 100 M.Sc. students and 14 post-doctorates. Prior to TAU, Professor Averbuch was a research staff member with IBM T.J. Watson Research Center in New York.

Prof. Ronald Coifman (Yale), Co-founder.

One of the world's leading mathematicians, with over 35 years of experience, Professor Coifman has focused on nonlinear Fourier analysis, wavelet theory, numerical analysis and big-data processing. Professor Coifman was awarded the National Medal of Science by President Clinton and has been a member of DARPA's Advisory Board and a member of the National Academy of Sciences.

Meet the real brains behind the operation: ThetaRay's Management Team »

<http://www.thetaray.com/who-we-are/>



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