NICE ▪ Intent. Insight. Impact.™

NiceTrack Target 360°

NiceTrack Target 360° is the leading communication interception system for tracking, monitoring, and investigating targets' activities, securing 1.5 billion people worldwide. The system is designed to provide Law Enforcement Agencies (LEAs), intelligence organizations and SIGINT agencies with hermetic 360° target monitoring by collecting, processing, retaining and analyzing any type of communication activity. In achieving this goal, the Target 360° helps these organizations to reduce crime and prevent terrorism. NiceTrack Target 360° is designed by NICE intelligence experts, veterans of law enforcement and intelligence agencies, to address the dynamic and complex nature of the communication world and specifically, the Internet arena.

NICE

Key Benefits

NiceTrack Target 360° helps Law Enforcement Agencies and intelligence organizations to reduce crime, prevent terrorism and identify other security threats. NiceTrack Target 360° key benefits include:

360° Target Monitoring

Provides hermetic 360° target monitoring by addressing the dynamic and complex nature of the communication world and particularly, the Internet arena.

Persistent Situation Awareness (24 hours in 24 minutes)

Helps maintain persistent situation awareness of the target by providing a comprehensive intelligence picture using conclusive dashboards. The final data is compiled using various capabilities, including 3D accurate positioning, advanced IP monitoring, Open Source Intelligence (OSINT), Lawful Hacking and speech analytics.

Built-in Intelligence Know-How

Developed by intelligence veterans and backed by innovative in-house technology, our solutions help to extract intelligence insights and create a significant impact on criminal investigations (e.g., capabilities to track suspicious activities based on similar predefined characteristics and communication patterns accumulated over years of experience).

Intelligence Production Driven User Interface

Grants access to unique intelligence production workflows, dashboards, advanced analytical tools and processing features that enhance communication-based analysis and investigation capabilities.

Highly Customizable and Scalable

Enables different implementation characteristics, including ongoing adaptation to new communication technologies, standards and laws, seamless integration with legacy systems and Data Retention repositories.

Technology Highlights

NiceTrack Target 360° is designed by intelligence veterans to be deployed by intelligence experts. The system is used by dozens of analysts around the world, providing them with market-leading technology, including:

Simplified Internet

Manage and efficiently structure millions of Internet activities and unstructured data into a simple and meaningful intelligence picture.

3D Accurate Positioning

Achieve highly accurate and reliable mobile location, in X, Y and Z axes, using a patent-protected positioning technology. The software-based positioning technology does not require continuous drive-test model calibration or LMU deployment.

Complete Analytical Package

Provide a complete package of analytical tools to help in understanding target's intentions and build an accurate intelligence picture.

Single Unified Display

Assemble all communication types, Internet events, OSINT data and Lawful Hacking information collected under a single platform. Unique dashboard display and workflows help analysts to easily generate reliable and significant intelligence.

Open Architecture

Utilize the NiceTrack Software Development Kit™ and API Resource Library to interface with legacy systems and third party applications. Ensure seamless integration and operational synergy between the NiceTrack Target 360°, Horizon Insight, Processing Engines and Collection components.

Industry Standard Compliance

NiceTrack solutions are fully compliant with international standards for Lawful Interception as defined by the European Telecommunications Standards Institute (ETSI), and the American Telecommunications Industry Association (TIA), under the Communications Assistance for Law Enforcement Act (CALEA).

Target 360° - Deployment Options

NiceTrack Target 360° is highly customizable, enabling various implementation characteristics. Individual departments and organizations can decide which modules to implement to best serve their communication interception and analysis needs. The following implementation models are the most frequently deployed in the market. These models are recommendations only, as NiceTrack Target 360° solutions can be tailor-designed to suit your organization's specific needs.

Target 360° Internet

Target 360° Internet implementation refers to an end-to-end solution for interception, analysis and investigation of all types of IP and Internet activities. The system enables analysts to overcome the major challenge of associating between millions of events and understand the context of different sessions. As most contemporary communication methods are IP-based, NiceTrack Target 360° provides processing engines and analytical tools backed by unique intelligence-driven workflows and dashboards to help build a comprehensive intelligence picture.

Target 360° is designed to handle all types of Web 2.0 Internet applications, including Facebook, Twitter and other social networks, forums, chats, and emails, and is scalable to support new services as introduced in the fast-growing Internet arena.

Target 360° Internet can be integrated with legacy systems for telephony and mobile interception and provide a comprehensive solution for all types of communication interception. It can also be integrated with OSINT crawling engines to strengthen the collection capabilities and enhance the monitoring of targets and suspects beyond passive and active interception.

Target 360° Telephony

Target 360° Telephony implementation refers to an end-to-end solution for interception, analysis and investigation of all types of telephony, mobile and voice communications. The system provides analysts with advanced analytical tools to handle the vast amounts and variety of telephony communications. Although telephony communication has become a smaller part of the target communication profile, continued efforts are still made to extract its data. NiceTrack Target 360°, supported by in-house technology for voice analytics, offers capabilities such as language and speaker identification, speaker hunting, gender identification, word spotting, and topic, stress and age group detection.

Target 360° Telephony is fully compliant with all international standards of Lawful Interception mediation, including ETSI, CALEA and SORM.

Target 360° Location

NiceTrack Target 360° Location implementation refers to an end-to-end solution for interception, analysis and investigation of mobile subscriber location data. The system provides analysts with 3D Accurate Positioning (3DAP™) in X, Y and Z axes for targets in real-time. Location data has become critical in building reliable target profiles and creating a comprehensive intelligence picture. 3DAP is also essential for use in operational activity and in real-time tracking. The NiceTrack Target 360° Location working environment provides system operators with a comprehensive suite of operational tools to enhance ongoing investigations and offers unlimited data storage to enable post-event investigation.

NiceTrack Target 360° is scalable, with the above mentioned modules seamlessly integrated into one another.

NiceTrack Professional Services

NiceTrack solutions are deployed by thousands of analysts and experts worldwide, in leading LEAs and intelligence organizations. By becoming one of NiceTrack Target 360° customers, you will benefit from a wide range of professional services including:

- Solution customization
- 24/7 technical support
- Disciplined project management
- Smooth and rapid deployment
- Expert on-site integration
- High quality customized training

All of our services are delivered by SIGINT professionals with vast experience in technological, operational and investigative aspects of intelligence work methods and processes.

NICE ▪ Intent. Insight. Impact.™

About NICE

NICE Systems (NASDAQ: NICE), is the worldwide leader of intent-based solutions that capture and analyze interactions and transactions, realize intent, and extract and leverage insights to deliver impact in real time.

Driven by cross-channel and multi-sensor analytics, NICE solutions enable organizations to improve business performance, increase operational efficiency, prevent financial crime, ensure compliance, and enhance safety and security. NICE serves over 25,000 organizations in the enterprise and security sectors, representing a variety of sizes and industries in more than 150 countries, and including over 80 of the Fortune 100 companies. www.nice.com.

About NiceTrack

NiceTrack products and solutions cover the full spectrum of the telecommunications intelligence process from interception and monitoring, to processing, analysis and dissemination of telephony and Internet data. The NiceTrack product suite includes Target 360°, Horizon Insight, Location Tracking, Satellite Interception and Communication Pattern Analyzer solutions.

CONTACTS

NiceTrack Horizon Insight

The NiceTrack™ Horizon Insight is the NICE Intelligence platform for mass interception and analysis of very high volumes and rates of communications data (e.g., telephony, IP and open source) for intelligence organizations, SIGINT agencies and Law Enforcement Agencies (LEAs). The platform is designed to automatically extract and produce valuable intelligence from vast amounts of intercepted communication data and to detect and identify new targets and suspects from billions of voice, text, metadata and location events per day. It supports all types of intelligence production scenarios, including complex alerting for preventive intelligence, real-time operations, and various workflows for communications-driven investigations and monitoring.

NICE

Key Benefits

The Nice Track Horizon Insight platform is designed to extract and produce valuable intelligence from vast amounts of intercepted communication data using built-in intelligence know-how and workflows, and innovative algorithmic and analytic data mining capabilities.

Zero-Lead Investigations:

Grants access to all stored data and metadata that may become relevant for monitored targets and new suspects

Built-in Intelligence Know-How:

Provides capabilities to track suspicious and criminal activities based on similar predefined characteristics and communication patterns accumulated over years of experience

Preventive Intelligence:

Detects and alerts suspicious or dangerous activities based on communications patterns to prevent potential criminal acts in real-time

Data Enrichment:

Enables fusion of target and suspect data from various registries and open sources for enriched data

Resources Optimization:

Enhances efficiency by minimizing suspect evaluation time, resulting in optimal deployment of human and technological investigation resources

Technology Highlights

Nationwide Collection of High Volume / High Rates Data

Intercepts, formats and stores billions of telephony and IP events per day at a rate of thousands of data records per second

Processing and Normalization Engine

Aggregates, correlates and canonizes data from numerous sources resulting in maximum intelligence credibility

Complex Communication Pattern Alerting Engine

Automatically identifies "under-the-radar" activity, invisible to analysts, using the market-leading NICE Actimize pattern analysis technology

Efficient Data Storage and Retrieval

Enables efficient storage for several years, while maintaining quick data retrieval, visualization and analysis

Integration of All Data Sources

Integrates all legacy sources with newly acquired sources in telephony, IP and open source fields to perform fusion of all intercepted data

Full Flexibility and Open Architecture

Enables complete flexibility to respond to customer needs and demands by utilizing the NiceTrack Software Development Kit™ and API Resource Library to interface with legacy and 3rd party applications

Horizon Insight
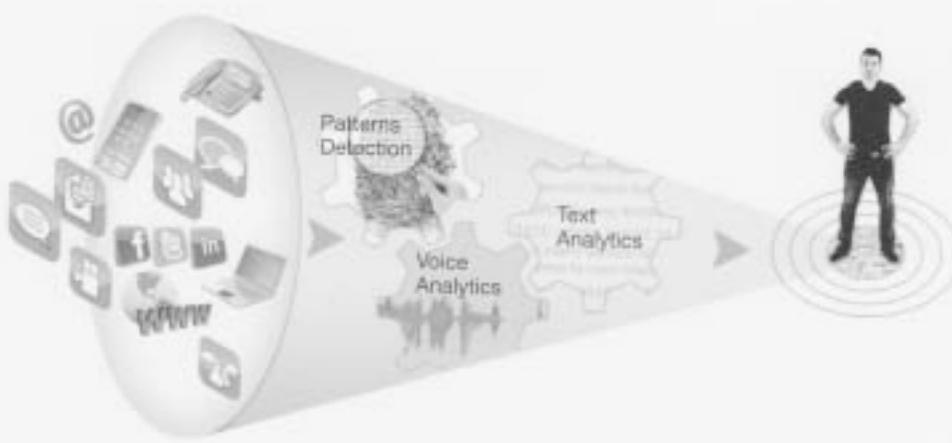
Text Content - Mass Interception & Analysis

The NiceTrack Horizon Insight platform performs nationwide interception and analysis of communications text content in telephony and IP. The platform stores, formats and enables analysis of SMS (Short Message Service), emails, instant messaging, and social networking. The benefits for nationwide communications text content interception and analysis include:

Rapid Suspect Profiling

Instant access to all text content and personal correspondence enables quick profiling of unidentified leads and suspects to determine their level of suspiciousness

Data Mining and Text Analytics

Wide range of analytical tools to help filter and detect suspicious activities and relevant data, including word-spotting, topic detection, language identification and automatic translation

Valuable Retrospective Insights

Obtains valuable information and insights from previous communications as it relates to newly detected targets

Voice Content - Mass Interception & Analysis

The NiceTrack Horizon Insight platform provides speech analytics capabilities for nationwide voice interception and analysis to enable language, gender and age identification and classification, as well as keyword spotting and voice print matching. The benefits for nationwide communications voice content interception and analysis include:

Target Speaker Hunting

Automatically identifies targets and suspects in very high volumes of communications by biometrically matching voice prints

Keyword Spotting

Recognizes predefined indicative words in various languages to quickly identify suspicious subject matter

Optimized Workflow

Classifies calls according to various parameters, including language, gender and age to assist in prioritizing events in the intelligence production process

Communications Metadata - Mass Interception and Analysis

The NiceTrack Horizon Insight platform provides nationwide interception and analysis of communications metadata, including CDR (Call Detail Records), IPDR (Internet Protocol Detail Records) and other network events. These records enable analysts to gain insights on target and suspect activities.

The benefits for communications metadata interception and analysis include:

Expose Entire Target Networks

Visualizes all communications-based relationships between targets and unknown suspects to expand the accessibility and information associated with criminals and terrorists

Find Hidden Indirect Connections

Reveals mediators and mediator groups involved in connecting several targets and assisting in concealing criminal activity

Deploy Algorithmic Tools and Pattern Identification

Utilizes unique algorithmic capabilities to identify suspicious patterns and extracts valuable intelligence invisible to analysts
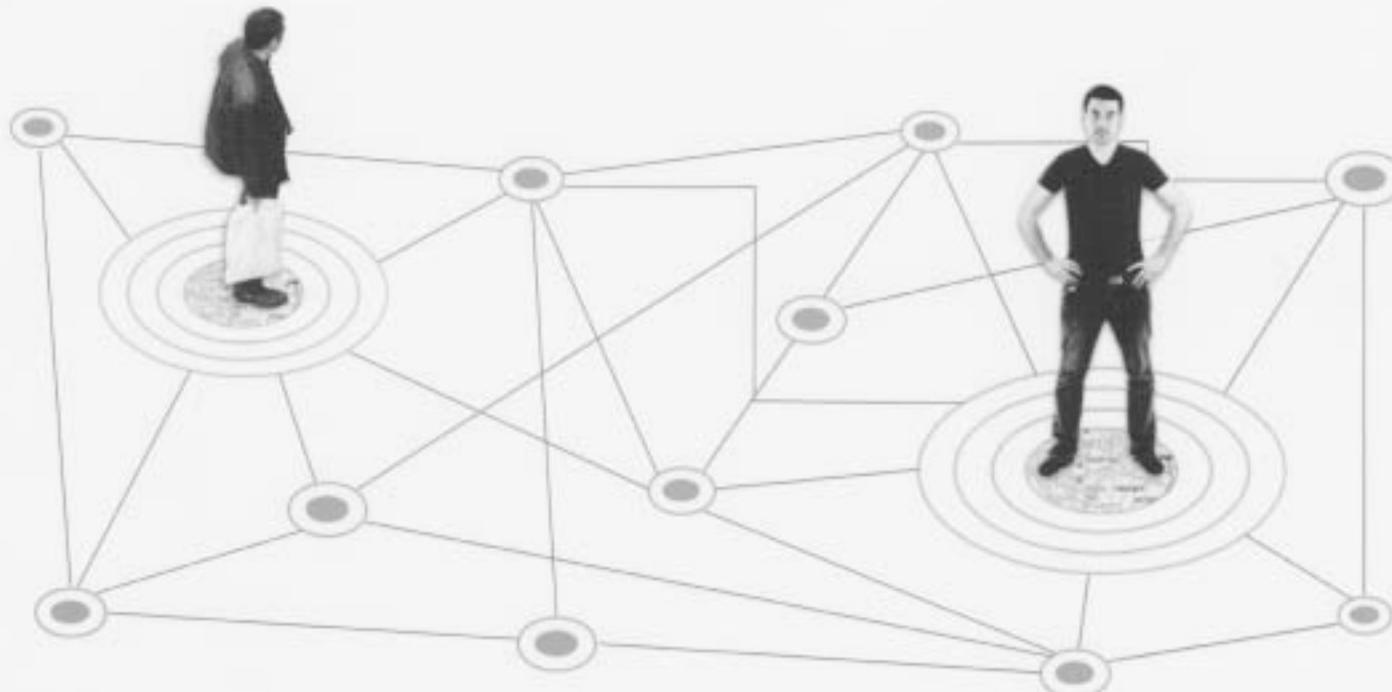
3D Accurate Location - Mass Location Tracking

The NiceTrack Horizon Insight platform provides accurate and reliable target and unknown suspect positioning coupled with a comprehensive suite of geo-intelligence investigation tools. The platform grants unlimited access to real-time and past subscriber location data of all mobile and satellite phones with very high accuracy.

The benefits for communications location data interception and analysis include:

Locate Anyone, Anytime, Anywhere

Get accurate and reliable positioning data on any subscriber in urban and rural environments both indoor and outdoor.

Mass Location Profiling

Creates routine behavior profiles based on location data for entire populations or specific geographical areas, by identifying location-based patterns and alerting suspicious activities

Geo-Intelligence Investigation

Enables a comprehensive suite of operational investigation tools for geo-based analysis, including mass geo-fencing capabilities for critical infrastructures and sensitive areas

Precise 3D Location

Generates highly accurate and reliable mobile locations, in X, Y and Z axes, using unique positioning technology

All mass interception and analysis modules are integrated into a single platform that provides a unique and highly-accurate solution for zero-lead investigations, preventive intelligence and related missions in intelligence production

NICE ▪ Intent. Insight. Impact.™

ABOUT NICE

NICE Systems (NASDAQ: NICE), is the worldwide leader of intent-based solutions that capture and analyze interactions and transactions, realize intent, and extract and leverage insights to deliver impact in real time. Driven by cross-channel and multi-sensor analytics, NICE solutions enable organizations to improve business performance, increase operational efficiency, prevent financial crime, ensure compliance, and enhance safety and security. NICE serves over 25,000 organizations in the enterprise and security sectors, representing a variety of sizes and industries in more than 150 countries, and including over 80 of the Fortune 100 companies. www.nice.com.

ABOUT NiceTrack

NiceTrack products and solutions cover the full spectrum of the telecommunications intelligence process from interception and monitoring, to processing, analysis and dissemination of telephony and Internet data. The NiceTrack product suite includes Interception and Mediation, Monitoring Center, Location Tracking, Mass Detection Center, Traffic Analysis and Pattern Analyzer solutions.

CONTACTS