



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.

Key Benefits

The NiceTrack 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

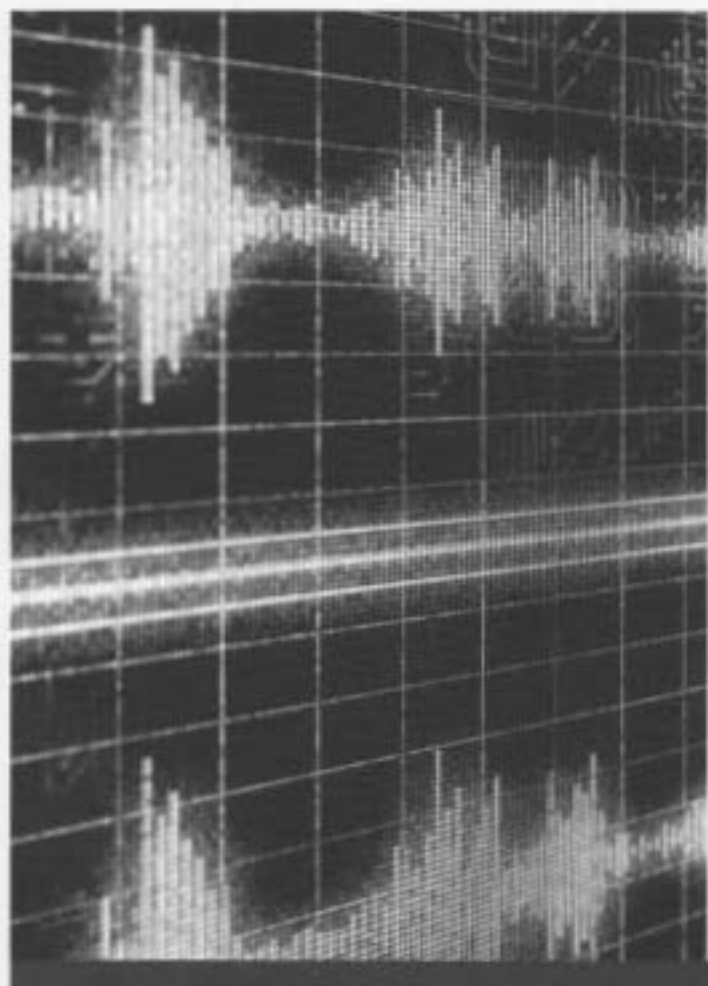
Instant access to all text content and personal correspondence enables quick profiling of unidentified leads and suspects to determine their level of suspiciousness

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.



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.

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