



Identity Intelligence Module

Intelligence-Driven Account Takeover Prevention

Challenge

Strong identity authentication is more important than ever before as organizations face an expanding threat landscape and unprecedented level of attacks. This is because you have a dynamic ecosystem of employees, partners, and supply chains which are all faced with the sharp increase in account takeovers by adversaries looking to steal credentials so they can access and initiate fraudulent activities. This further compounded with the rapid growth in remote work and digital interactions across multiple channels provides new challenges for security and IT teams responsible for securing their business and employee's identities.

Solution

The Recorded Future Identity Intelligence Module enables security and IT teams to identify previously unknown credential leakages, for both employee and customer identities, and respond confidently — without any manual research. Recorded Future automates the collection, analysis, and production of intelligence from a vast range of open source, dark web, and technical sources, and then combines it with world-class research to help drive an accelerated response by your security team. This approach produces real-time intelligence at massive scale, offering an unmatched source of truth for identity authenticity.

The Identity Intelligence Module API enables clients to query Recorded Future for single or bulk sets of credentials. The resulting insights provide critical details into compromises, such as password length, complexity, and whether the password was clear text or hashed. Armed with this real-time evidence, security and IT teams are able to quickly identify compromises and initiate downstream response workflows. By eliminating the need to manually aggregate, correlate, and triage information, Recorded Future's Identity Intelligence Module empowers analysts to dramatically reduce the amount of time it takes to detect, investigate, and respond to potential account takeovers and real risks to their business.

BENEFITS

- Detect credential leaks in real-time
- Respond to compromises before business impact
- Gain unmatched visibility into closed and dark web sources
- Disrupts adversaries, while minimizing disruption for your business

Features

- Real-time collection and analysis of identity information, for timely and relevant detections
- Transparent evidence of threats for confident and effective challenges to update or reset compromised IDs
- Automated lookups and remediation of identities via an Identity Intelligence API
- Broad source coverage across open, dark web, and technical sources for a comprehensive understanding of threats
- Access to a team of world-class security intelligence experts for onboarding, training, and ongoing support

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    "subjects": [
      "user@domain.com"
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  },
  "count": 1,
  "credentials": [
    {
      "subject": "user@domain.com",
      "dumps": [
        "Dark Web Dump June 03, 2021",
        "ParkMobile"
      ],
      "breaches": [],
      "first_downloaded": "2021-03-23T00:00:00.000Z",
      "latest_downloaded": "2021-06-03T00:00:00.000Z",
      "exposed_secret": {
        "type": "clear",
        "hashes": [
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            "algorithm": "SHA1",
            "hash": "c81ca*****"
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          {
            "algorithm": "SHA256",
            "hash": "b08ef*****"
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          {
            "algorithm": "NTLM",
            "hash": "0032a*****"
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          "Number",
          "Symbol",
          "UpperCase",
          "LowerCase",
          "AtLeast8Characters"
        ]
      }
    }
  ]
}
```

The Identity Intelligence module provides automated lookups of exposed credentials, enabling security and IT teams to gain real-time insights into compromises and respond faster.

ABOUT RECORDED FUTURE

Recorded Future is the world's largest provider of intelligence for enterprise security. By combining persistent and pervasive automated data collection and analytics with human analysis, Recorded Future delivers intelligence that is timely, accurate, and actionable. In a world of ever-increasing chaos and uncertainty, Recorded Future empowers organizations with the visibility they need to identify and detect threats faster; take proactive action to disrupt adversaries; and protect their people, systems, and assets, so business can be conducted with confidence. Recorded Future is trusted by more than 1,000 businesses and government organizations around the world.



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