
CENTRUM
CYBERBEZPIECZEŃSTWA
WYŻSZEJ SZKOŁY INFORMATYKI I ZARZĄDZANIA
Z SIEDZIBĄ W RZESZOWIE

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UNIVERSITY of INFORMATION TECHNOLOGY and MANAGEMENT
in Rzeszow, POLAND

cdn24.info
Cyber Discovery News

CYBERDISCOVERYNEWS24.INFO

Original project of the UITM Cybersecurity Centre – market analysis, concept, progress on the CyberDiscoveryNews24 newsletter project, current operation of the application, and plans for development and cooperation.

http://cybernews.wsiz.edu.pl/

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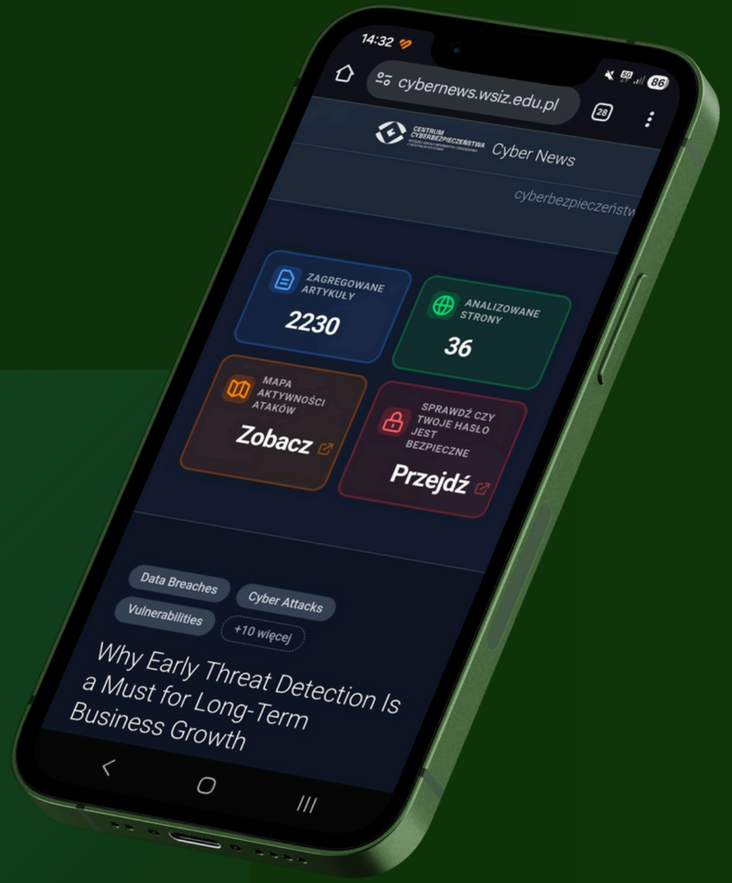
ABOUT THE PROJECT

The UITM newsletter ‘CyberDiscoveryNews24.info’ is a modern information platform whose aim is to build and raise awareness of contemporary technological threats such as cyber security and cyber crime, as well as to facilitate access to the latest news in these areas for the widest possible audience. The project is a space for aggregating and accessing knowledge, where every user can easily and transparently follow the latest events, analyses and recommendations regarding data protection and network security.



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ASSESSMENT OF MARKET NEEDS AND PROJECT VALUE

High demand and lack of comparable initiatives in Poland

There is no daily scientific and educational newsletter on the global market that:

- aggregates content from government, industry and academic sources,
- provides summaries, translations, originals and analysis,
- offers multimedia (audio) elements and combines the perspectives of cyber security and cyber crime.

Current new from popular portals about cybersecurity are published irregularly and are informational and commercial in nature.

They do not fulfil the function of scientific and educational monitoring:

ZATAZ.COM
TRUESEC
CyberDefence 24
sekurak.pl
CERT.PL NASK
cybersafe

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FUNCTIONAL AND SUBSTANTIVE JUSTIFICATION

Daily aggregate of 20–25 pieces of information
This is a realistic volume. The condition is full automation and support from moderators in the selection and validation of sources. It is also necessary to implement a division into categories, e.g.:

- **CYBERSEC** (Cybersecurity) - technologies, policies, incidents, standards, certifications,
- **CYBERCRIME -** case studies, police reports, trends, darknet,
- **DEEP FAKE** (Disinformation) **-** verification and analysis of information.

Such a newsletter has huge academic potential::

- It can serve as a daily source of knowledge and inspiration for research,
- it can be a teaching tool for students and lecturers (e.g. incident analysis),
- it can be a component of a scientific project, e.g. ‘Map of threats in cyberspace’.

Element	Innovation	Added value
Scraping government and industry sources	High	Integration of scattered data that is difficult to obtain manually
News from the darknet	Very high	Unique research component; not included in public newsletters
Automatic translations + summary	High	Overcoming language barriers for the academic community
Clickbait (headline encouraging analysis)	Average	Engages, especially younger audiences
Audio summary	High	Increases accessibility (students, persons with disabilities)

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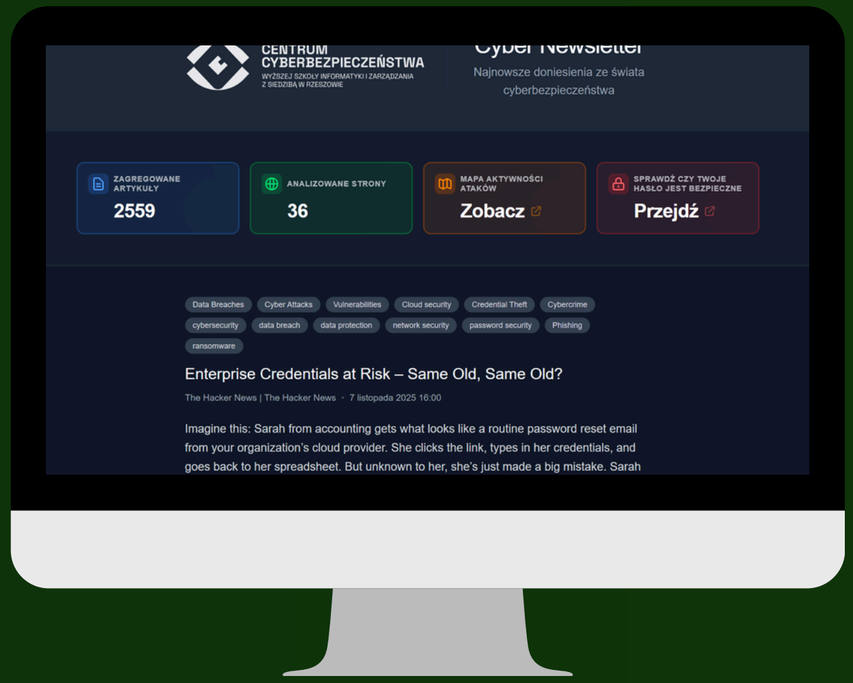
PROJECT GOALS



Promoting reliable sources

In an era of knowledge and content theft, by promoting industry websites and independent authors, **we support the relevance of legitimate sources**.

News content in an accessible form

Moderator-assisted automation of aggregated processes, clickbait creation, article summaries, and podcast recording. Users receive the most important information quickly, clearly, and without having to search the web.

Multi-presentation of news

The creators of CYBERNEWS have placed emphasis on the multi-accessibility of news content. Information will be made available simultaneously on the website and in an app that can be downloaded from **Google Play** and the **Apple Store**, published directly on social media, and in the form of podcasts.

Content aggregation

The recorded content will be appropriately **classified, translated, stored and made available** to all users in the form of a cyber library.

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PROJECT RELEVANCE

The first service in Poland

The content is presented in an understandable and personalized way, even for people outside the IT industry.

Information currency

All content comes from current, legal, reliable, and verified sources.

Social value of the project

CDN24I.NFO supports digital education by increasing access to knowledge and awareness of online safety for a wide range of users.

Educational value of the project

CDN24.INFO is an invaluable teaching and research resource for the educational community.

The first university service in Poland

This is a pioneering initiative by a university in Poland. The topicality of the subject matter and cooperation with other educational institutions around the world will allow us to reach a wide audience.

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AVAILABLE FEATURES

description of functions implemented at the current stage of the project

Continuous aggregation of articles

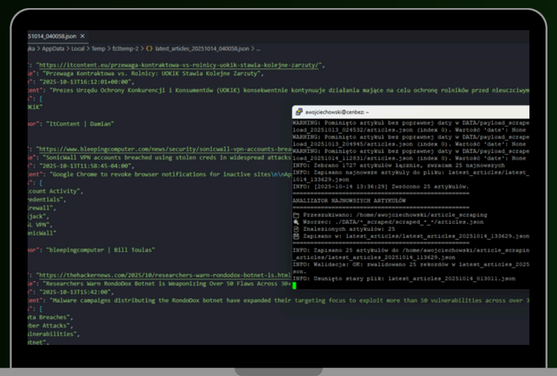
Displaying the latest information

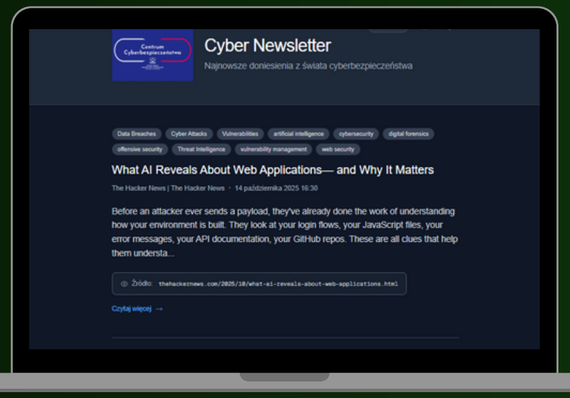
Alert system

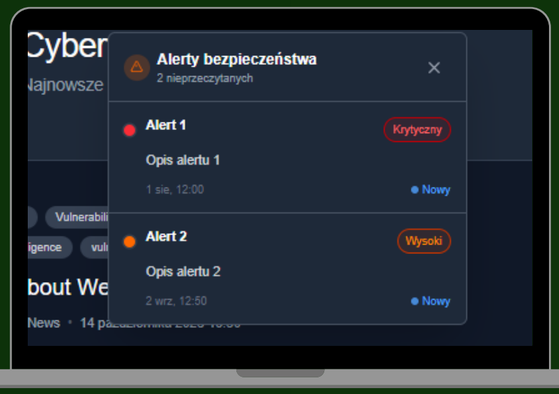
Manually alerting users about new attacks and leaks.

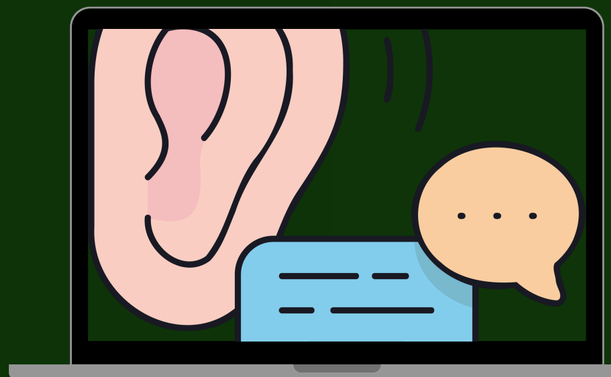
Multifunctional form of communication

Presenting information in text and audio formats ensures that people with disabilities have access to information.









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PLANNED FEATURES

description of functions planned for the final stage of the project

Student internships

Thanks to this functionality and cooperation with SUNRISE, students will have access to a database of internships and domestic and international placements.

Cooperation with local authorities

Thanks to the CDN24.INFO functionality, services related to national security will be able to send important messages.

Job offers

Thanks to our partners, students will have priority access to job offers targeted at the market.

Integration with service portals

Thanks to the CDN24.INFO functionality, services related to national security will be able to send crucial messages.

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DEVELOPMENT PLANS

Darknet analysis

Expansion of the tool with a TOR and DEEP FAKE network analyzer

Detecting new data leaks.

Analysis of current cybercrime trends.

Expansion of the tool with a TOR network analyzer.

Development of a tool with a DEEP FAKE analyzer.

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DEVELOPMENT PLANS

Alert system

Automation of the alert system

Generative artificial intelligence tools

Rapid detection of threat information and direct publication of content.

Analysis and editing of alerts with AI support.

Automatic publication and distribution of alerts.

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DEVELOPMENT PLANS

System of summaries, podcasts, and translations

Generative artificial intelligence tools

Automatic generation of article summaries.

Creating podcasts using AI.

Integration and publication of multimedia on social media.

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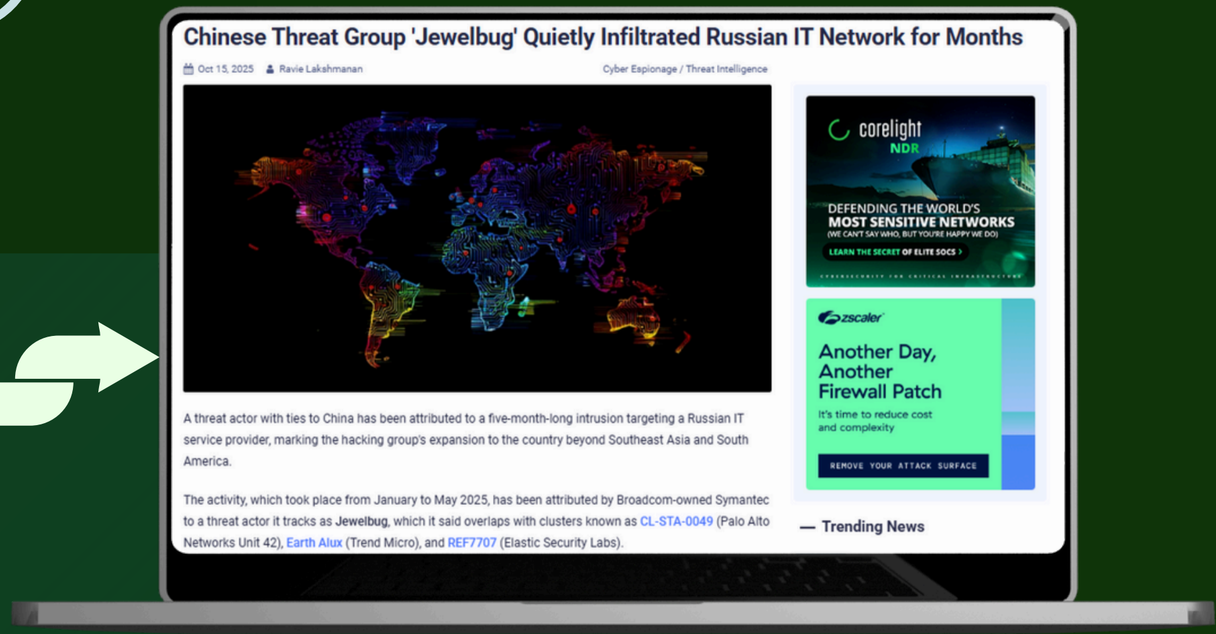
DEVELOPMENT PLANS

System of shortcuts, podcasts, and translations

Examples of using AI automation to generate an article summary and audio sample

Ravie Lakshmana, author of an article on The Hacker News, describes a cyber operation carried out by the Chinese group Jewelbug, which infiltrated the network of a Russian IT service provider for five months, indicating that the group's activities have expanded beyond Southeast Asia and Latin America. Symantec researchers have linked Jewelbug to other criminal activities, such as Earth Alux and REF7707, highlighting their common tactics. The intrusion, which lasted from January to May 2025, provided access to code repositories and software build systems, creating the risk of supply chain attacks targeting customers in Russia. Known for using legitimate tools and cloud services such as Yandex Cloud and Microsoft Graph API to remain hidden, the group has also been linked to attacks in South Asia and an attack on a large government organization in South America. The author reports that the Jewelbug group uses a variety of advanced techniques, including driver vulnerabilities, to bypass security measures and steal credentials, demonstrating their ever-increasing capabilities.
"The fact that Jewelbug prefers to use cloud services and other legitimate tools in its operations indicates that it is extremely important for this group to remain hidden and ensure a discreet and lasting presence on their victims' networks," Symantec said.



Source: https://thehackernews.com/2025/10/chinese-threat-group-jewelbug-quietly.html

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DEVELOPMENT PLANS

Engaging students from the SUNRISE project

SUN RISE

Co-funded by the European Union

Acquisition and publication of articles on cybersecurity with the participation of researchers and students from various countries, presenting local perspectives and challenges, together with translations into the languages of the universities involved.

Direct and ongoing exchange of knowledge and experience between researchers and students from partner universities in Europe and around the world.

Creating a global database of information and definitions, showing international trends and incidents.

In the future, the ability to create international groups and projects and directly exchange information using the built-in messenger.

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DEVELOPMENT PLANS

Moderator panel

Generative artificial intelligence tools

Management of content added by students from foreign universities and moderators appointed by CC UITM.

Verification and selection of articles in terms of credibility and substantive quality.

A rating and recommendation system that allows the most interesting content to be highlighted.

Enabling partner universities to add and moderate information content.

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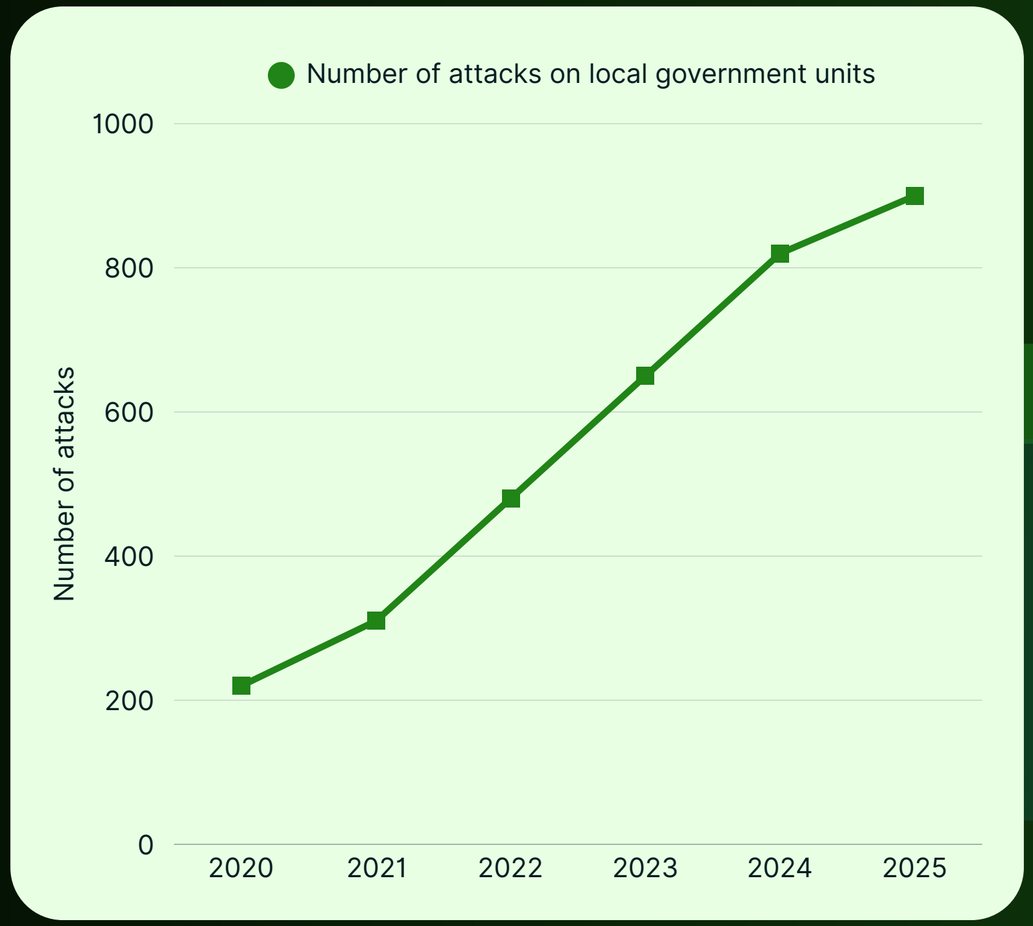
DEVELOPMENT PLANS

Automated trend analysis



Analytical AI tools

The trend analysis system will enable ongoing monitoring and interpretation of the scale of cyber incidents.

This will allow for a quick response to new threats. The collected data will be used to publish reports and trend reviews, supporting education and the development of public awareness in the field of cybersecurity.

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