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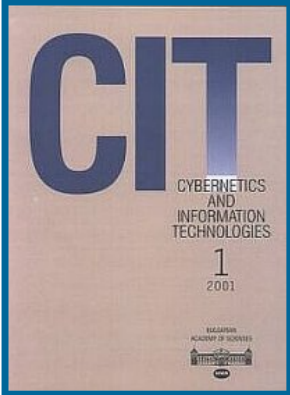
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Cybernetics and Information Technologies
Volume 25, No 2 · Sofia · 2025

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Alignment of KAMI Index with Global Security Standards in Information Security Risk Maturity Evaluation

Aji Supriyanto, Arief Jananto, Jeffri Alfa Razaq, Budi Hartono, Fitri Damaryanti

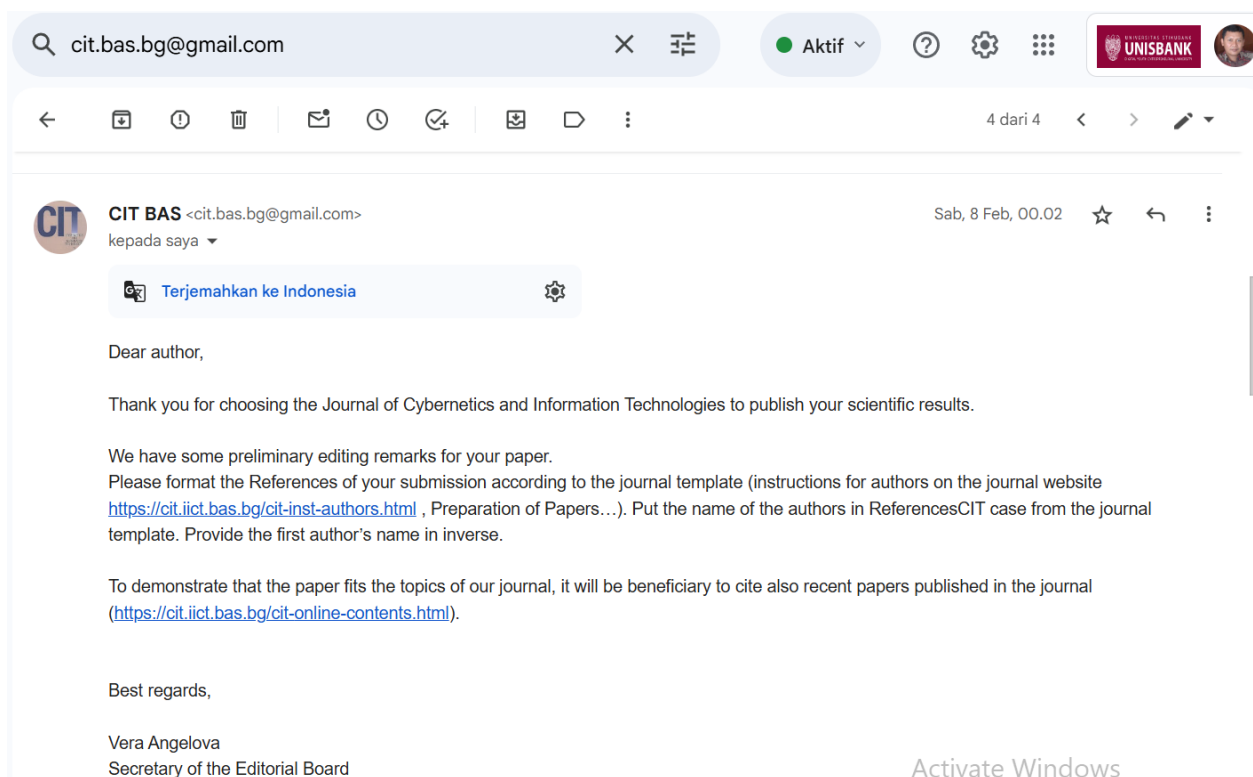
Faculty of Information Technology and Industry, Universitas Stikubank, Semarang, Indonesia

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budihartono@edu.unisbank.ac.id rr.fitri0038@mhs.unisbank.ac.id*

Abstract: *Various incidents of information security breaches in Indonesia in 2024, especially in government agencies, are very dangerous. Even the Temporary National Data Center (PDNS) Surabaya was paralyzed in public services. One of the reasons is that adequate security standards have not been implemented, even though in Indonesia, there are already Information Security standards (KAMI Index). This study aims to determine the alignment of the KAMI index with international security standards such as ISO 27001 and NIST based on the main security principles, namely Confidentiality, Integrity, Availability (CIA triad). The method is mapping the alignment of control elements (domains) in the standard based on ontology. The results showed that the level of alignment reached 56 percent (56%), or relatively high. This means harmonization regarding terminology, evaluation methods, and integration in national regulations is still needed to improve alignment with international standards.*

Keywords: *Alignment mapping, Information security, KAMI Index, ISO 27001, NIST.*

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2. Smith, S. E. Name of Book, page or chapter numbers if relevant. Publisher, Place of publication, Year.
3. Smith, S. E., L. Q. Jones. Name of Paper. – Name of Journal, Vol. 5, 2011 (Year), No 3 (number), page numbers.



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12 Feb 2025, 08:18 ☆ ↶

to Vera Angelova
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We have made improvements according to your suggestions.
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I look forward to your further response.
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Aji Supriyanto, Arief Jananto, Jeffri Alfa Razaq, Budi Hartono, Fitri Damaryanti - Alignment Of KAMI Index With Global Security Standards In Information Security Risk Maturity Evaluation,

listed by ID 15-25. Please use this ID number for future reference regarding this submission.

It will be sent for review (normal reviewing period at least 6 months). After that, it may be considered for publication in case of positive reviewing.

Best regards,

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📧 Kam, 3 Apr, 21.39 ☆ ↶



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Dear Authors,

Your submission ID 15-25 Aji Supriyanto, Arief Jananto, Jeffri Alfa Razaq, Budi Hartono, Fitri Damaryanti. "Alignment Of KAMI Index With Global Security Standards In Information Security Risk Maturity Evaluation" was evaluated by experts in the field. The over evaluation is positive, however, there are some serious issues for correction - see the Evaluation form attached.

Please revise the manuscript according to the reviewers' comments and send us the revised file within **10 days**.

Note the following check-list:

1. Ensure all references are relevant to the content of the manuscript.
2. Highlight any revisions to the manuscript, so editors and reviewers can see any changes made.
3. Provide a cover letter to respond to the reviewers' comments and explain, point by point, the details of the manuscript revisions.

Best regards

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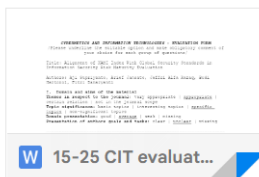
I have made a revision as suggested by the reviewer. The results of our revision can be seen in the revision manuscript below.
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Greetings

Aji Supriyanto

Author

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Already submitted.

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Congratulations! Your paper: 15-25 Aji Supriyanto, Arief Jananto, Jeffri Alfa Razaq, Budi Hartono, Fitri Damaryanti “Alignment Of KAMI Index With Global Security Standards In Information Security Risk Maturity Evaluation”

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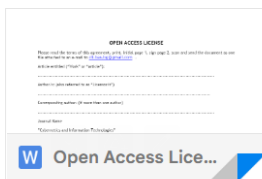
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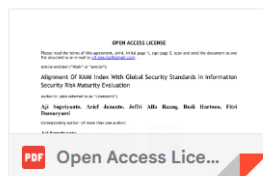
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18 Apr 2025, 17.28 ☆ ↶

Dr. Aji Supriyanto
Jl. Gedong Songo Tengah No.21 Manyaran Semarang Barat
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Affiliation : universitas Stikubank (UNISBANK) Semarang Indonesia

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23 Apr 2025, 04.11 ☆ ↶ ⋮

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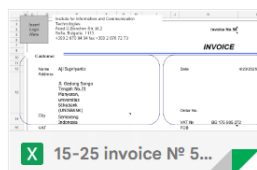
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16 Jun 2025, 18.54



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The publication of Issue 2/2025 is scheduled for June. The issue has already been completed and will be visible on the site soon.

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