



A METHOD AND APPARATUS FOR IMPROVED SECURITY IN TRIGGER ACTION PLATFORMS

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The Invention

UW-Madison researchers and collaborators have developed a system that increases the security of trigger action platforms (TAP). TAPs link different computer services allowing them to work together. The invention implements a minimizer program at the trigger computer service (TS) to actively filter out unnecessary attribute data from being transmitted. The minimizer program is informed by auxiliary data generated as the user generates the TAP rule. This auxiliary data can be passed transparently through the TAP to the minimizer at the TS requiring no change in the TAP operation. Cryptographic signatures can reduce the chance of tampering or modification with the minimizer program or other features of the rule, and the auxiliary information can be constructed so as not to reveal the actions implemented by the rule.

Tech Fields

- [Information Technology : Computing methods, software & machine learning](#)

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