

Overview



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IT Platform for Information Security Management

As information technology advances and spreads, the risks associated with information security are increasing. Various new and diverse unknown security risks are reported each day, so it is no longer sufficient to introduce a set of uni-functional security products for protecting systems. Rather, we need a more sophisticated ***Information Security Management Platform*** which continuously maintains enterprise information security levels after installing products.

We focused on two aspects of environmental changes, internal and external, which directly or indirectly introduce information security risks around an enterprise. In order to reduce the risks caused by internal changes, we developed **(1) the Policy-based Security Management System** which monitors and controls the changes in the configuration of computers and applications, **(2) the Identity Lifecycle Management System** which permits changes in the organization and its people, and **(3) the Integrated Management System for Various Log Data** which exhaustively records and tracks the changes themselves. For external changes, we also developed **(4) the Information Security Forecast System** which captures the first signs of unknown security risks, and enables actions to be taken in advance.

For years, Mitsubishi Electric Group has been providing systematic security solutions which integrate physical and information security components and technologies. In this feature article, we propose the IT Platform for Information Security Management System which continuously allows enterprises not only to maintain but also to improve their security levels in the midst of internal and external changes.