

## ANSSI certifies and gives a classification to the Simatic S7-1500\* controller

- **Siemens becomes the first industrial equipment supplier to obtain security certification and classification from the French Network and Information Security Agency (ANSSI - *Agence Nationale de la Sécurité des Systèmes d'Information*).**
- **For essential public service operators, classification acts as the seal of approval of a higher level of security and trustworthiness, providing assurance that the product will contribute to protecting their infrastructure against cyber threats. It is also a purchase recommendation by the French Network and Information Security Agency (ANSSI - *Agence Nationale de la Sécurité des Systèmes d'Information*).**
- **Classification of the Simatic S7-1500 controller enables users to improve the security of their industrial systems**

First security level certification (CSPN – *Certification de Sécurité de Premier Niveau*) was awarded by ANSSI on 25 April 2016 (certificate ANSSI-CSPN-2016-5), certifying the level of security offered by the Siemens range of Simatic S7-1500 controllers. It was put through a series of tests to check its security functions on the one hand, and to seek out vulnerabilities on the other. They proved that the Simatic S7-1500 controller can provide a higher level of confidentiality, availability and integrity of the systems to which it is fitted.

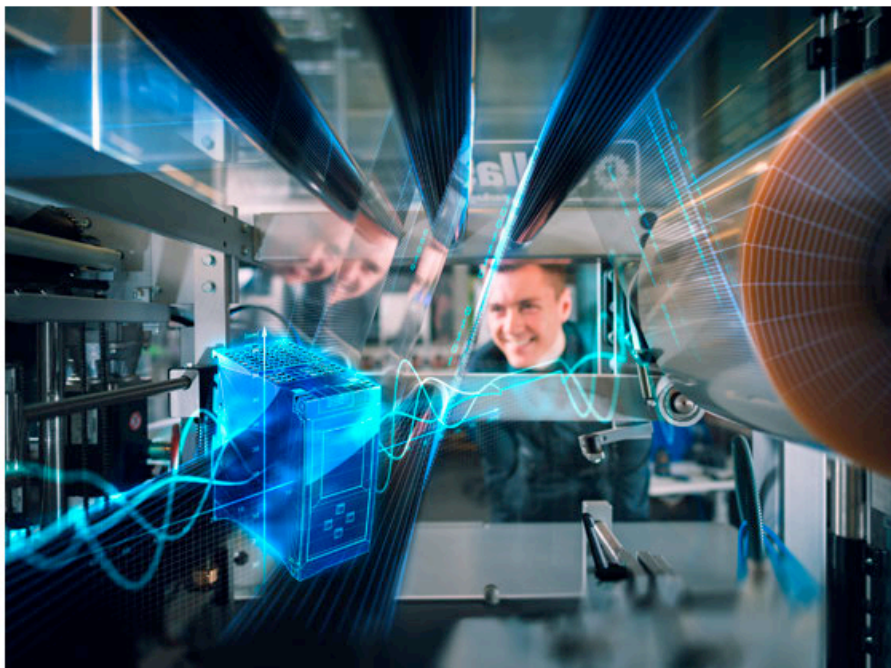
The classification, issued on 10 May 2016, confirms that the functions assessed meet national security requirements, and confirms to the trustworthiness achieved by the development processes within Siemens. It gives details of how the product should be used in order for it to contribute to protecting vital infrastructure.

ANSSI is the only government body authorised to certify and give classifications to industrial systems products in France.

Based on the Siemens' "Security Integrated" concept, the main security functions of the Simatic S7-1500 programmable controller covered by this certification are:

- protection against unauthorised persons reading or making changes to the program blocks;
- protection against the user program being copied;
- protection for the controller against transmitted data being modified (engineering data for configuration and the user program);
- user rights administration: the multiple layers of authorisation mean that different users can be given different access rights;
- firmware is protected against fraudulent update.

According to Vincent Jauneau, Head of the Digital Factory and Process Industries and Drives divisions at Siemens France: "This certification and classification process enables users to improve the security of their industrial systems and gives them peace of mind when setting about accrediting their own equipment".



\* For further information on the Simatic S7-1518-4 security target and the certification report, visit the ANSSI website at : [http://ssi.gouv.fr/certification\\_cspn/simatic-s7-1518-4-version-du-micrologiciel-1-83/](http://ssi.gouv.fr/certification_cspn/simatic-s7-1518-4-version-du-micrologiciel-1-83/)

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