

A large pile of electronic components, possibly microchips or circuit boards, arranged in a grid-like pattern, viewed from an angle. The image is overlaid with a blue tint.

Some security, privacy and trust issues

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1. Security of “Internet-Robot” access

- appearance of new “hardware” viruses (see recent worm of “Nuclear Stations”)
- authorization/user identification etc

2. Trust in Robot Knowledge Database

- open-source code for executing in real robots. Can we trust it?
- manipulation of database

3. Robot-Robot interactions without human

- unknown area at all
- self-programming of robots ... consequences

4. Controllability of long-term self-evoliton: New very adaptive long-term independent autonomous systems - the “**terminator**” scenario ? – technological & social impact