How to come out of the increasing IT security problems

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Security and Privacy

Human Factors of IT Security

Impact of Green Energy
Increasing IT security problems

- Smart everything opens new doors (attack vectors)
- The Internet user is still a problem
- Smartphones offer new attack vectors
- Cloud Computing becomes a challenge
- Too many vulnerabilities in our software
- Insufficient anti malware protection
- Insecure websites in the field
- No international identity management
- Too high risks in e-mail communication
- Risk
Paradigm-Shift: more Proactive less reactive IT security

“Reactive IT Security”

„Airbag approach“: If it happens, it should hurt less.

“Proactive IT Security”

„ESP strategy“: Avoid skidding, before it happens.
Paradigm-Shift: more Object Security less Perimeter Security
Paradigm-Shift: more Responsibility less Indifference

What we really need is producer responsibility!

Software and hardware will better match and problems would be better identified and solved.
Paradigm-Shift: more Collaboration less Separation

Imbalance of power in cyberspace between attackers and defenders.

Collaboration helps to overcome the imbalanced situation
Thank you very much for your attention!

I wish everybody a very successful

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