Organisation des Nations Unies pour l'éducation, la science et la culture

IT Security

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IT Security

Actions planned:

- Further operationalization of BCP
- Include field offices and institutes in BCP
- Improve remote access to corporate resources
- Tool to update emergency information of staff

Actions taken:

- Review of IT related critical processes
- Business Continuity Plan (BCP)
- Measures to address major risks
- Alerts for staff and delegations – emergency management software installed

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Disaster Recovery (DR)

Actions planned:

- Select solution for secondary data centre
- Review backup solution in Miollis/Bonvin
- Detail DRP, including regular tests of failover scenarios

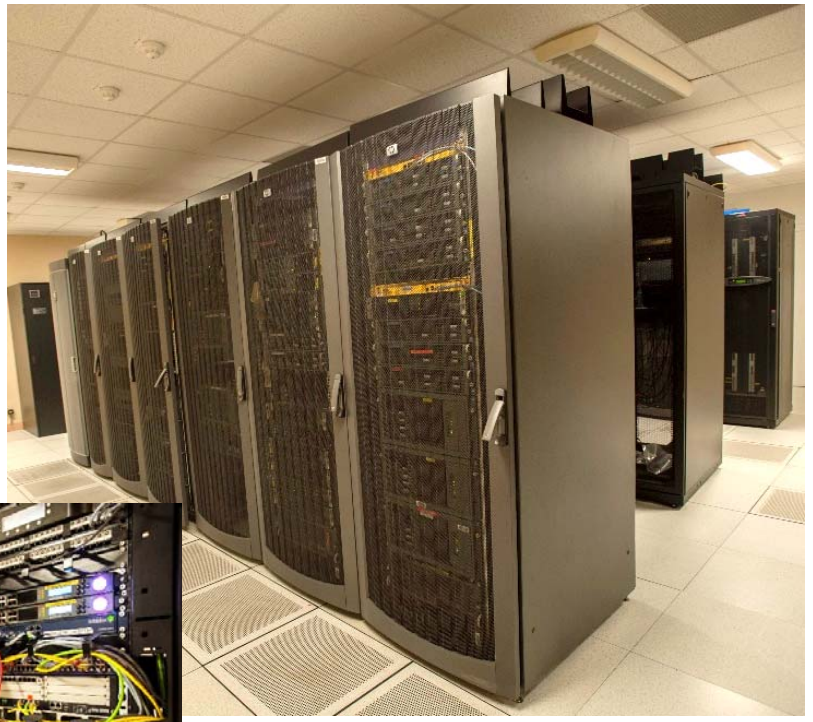
Actions taken:

- Disaster Recovery Plan based on BCP and review of IT-related critical business processes
- Assessment by UNICC

Disaster Recovery (DR)

Secondary Data Centre

Top priority, included in the Invest for Efficient Delivery Programme



Options for Secondary Data Centre:

- Local
- Distant – UNICC (Geneva)
- Cloud

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Actions planned:

- Security guidelines and policies for fields units
- Increase reliability of UNESCO websites
- Secure Data Management Tools
- External security tests
- Improve user awareness/culture
- Review/implement audit recommendations

Actions taken:

- IT security guidelines and policies
- IT security training materials
- Regular user alerts
- Technical control measures
- Investment in hardware & software

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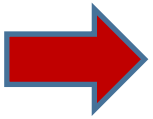
User behaviour - a key factor of IT security

No protection can be fully effective unless users respect basic security principles:

- Do not open attachments from unsolicited emails. Unexpected email from unknown sender = **RISK!**
- Beware of emails asking for personal data, passwords or other sensitive data. Never provide such data to anyone.
- Report suspicious behaviour to Helpdesk.
- Always use strong passwords and never common words.
- Never share your password…

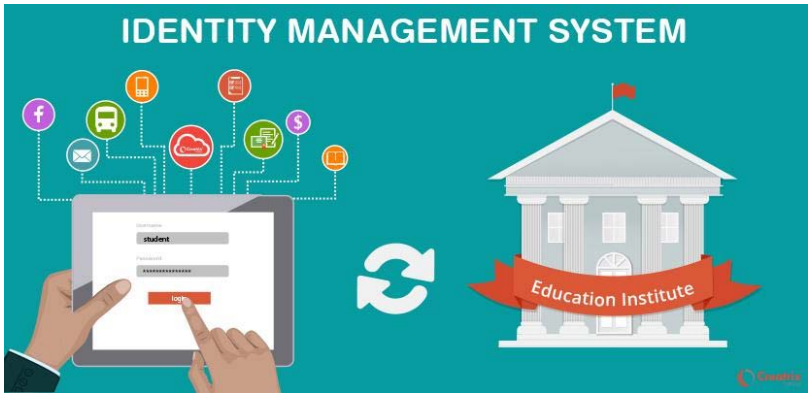


Actions planned:

- Extend use of smart cards to access sensitive areas
- Review current security ID management and integrate with new Identity Management solution
- Extend use of smart cards to networks and systems

Actions taken:

- New Identity Management solution identified, purchased and under implementation
- Smart cards introduced for printing



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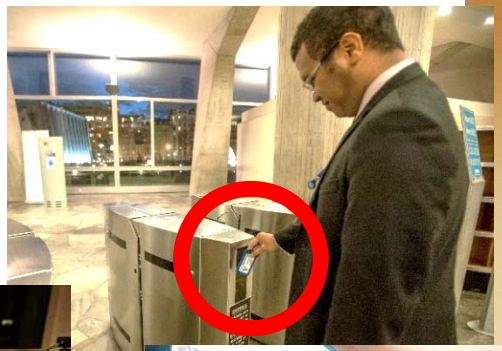
Same badge to assure physical and logical access – entrance, sensitive areas, computers and printers



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