

## Current Status

- The city of Salzgitter sprawls over 224 square kilometres with about 103.446 inhabitants who live in 31 boroughs.
- The borough of Hohenrode is the smallest one with 190 inhabitants while the borough of Lebenstedt is the largest one with 41.110 inhabitants.
- Spread over the 31 boroughs there are 13 children- and youth centres (KJT) in three versions:
  - o 5 „major centres“ Forellenhof, Graffiti, Hamberg, Bambula and Thiede
  - o 2 „medium-sized centres“ Lichtenberg and Gebhardshagen
  - o 6 „smaller centres“ Hallendorf, Heerte, Watenstedt, Bleckenstedt, Flachstöckheim and Barum
- Currently there are internet stations in seven centres operated by the particular full-time staff or appropriately trained youth group leaders.
  - o KJT Thiede (4 workstations)
  - o KJT Bambula (4)
  - o KJT Graffiti (4)
  - o KJT Hamberg (2)
  - o KJT Forellenhof (3)
  - o KJT Lichtenberg (3)
  - o KJT Barum (3)
- For 2010 there are three more internet stations in the pipeline, partially already in the process of construction.
  - o KJT Gebhardshagen (3)
  - o KJT Heerte (3)
  - o KJT Hallendorf (3)

## Developments

- In 2006 there were three internet stations with always four workstations (Bambula, Thiede und Hamberg)
- All three stations were accomodated in areas separated for this reason (in Thiede) or in rooms which were completely detached from the open-door areas (Bambula und Hamberg).
- So they were characterized by anti-theft measures in the rooms (window screen, particular doors or inlying rooms) and high-end furnishings. Only round-shaped desks of solid wood with a diameter of more than two metres were in use.
- All solutions (desks, electrical installation, room design etc.) were made to specifications, there were no ready-made solutions.
- In 2006 / 2007 two more internet stations were put into operation. (Graffiti (4) and Barum (3)), whose set-up was similar to that of the existing stations.
- Over the course of the year 2007 all round-shaped desks were cased with stainless steel sheet in order to ensure more efficient protection against wilful changes and theft (Damages done and theft decreased drastically).
- In 2008 six internet stations with three workstations were put into operation in the centre KJT Forellenhof, only as an interim solution and temporary. Meanwhile they have been re-designed according to the new concept.
- In 2008 / 2009 the computers in the stations were partially replaced and re-equipped with TFT-monitors.

## Requirements

- Late 2008 / 2009 several issues cropped out involving the development of new ideas how to design internet stations in children- and youth centres.
  - o Setting up new internet stations in smaller centres which are, in fact, less secure as they have open structures
  - o More efficient supervision facilities for full-time staff at the centres
  - o Affordable setup variations
  - o Higher variability of setup places
  - o Adaption to the technological developments or replacement of outdated devices

## Solutions

- In close collaboration with the technical service in charge of children- and youth centres a solution was developed late 2009 and, meanwhile, already implemented in several centres:
  - o Incorporating internet stations into the open door, if possible, close to the offices or bar
  - o Reducing the number of workstations from four down to two (less required space)
  - o Using up-to-date computer technologies (mini-PCs, TFT-monitors, WLAN-network etc.), (less setup- and security efforts)
  - o Placing monitors next to each other wall-mounted (more efficient supervision of all computers from a central position)
  - o Setting up worktops on bar table level (Bistro- / Cafe-character, having no way of sitting on desks)
  - o Mounting, if possible, without table base but only wallmounted (no disturbing elements while working at the computers)
  - o Using metal for computer casing and solid wood for worktops
  - o Usage charge no longer required (chargeable programmes and problems with configuration resulting from them are no longer required)
  - o Principal use of Open Source-programmes in all application programmes (only Windows as a purchased programme is excluded)
    - Open Office
    - Gimp
    - Inkscape
    - PDF-Creator
    - Various Open Source Games
  - o Sharing of internetcafe computers in the network. Thus written documents can be printed on office computers or files be moved.

## Security

- In each centre Internet access is via Firewall, which checks the content of each site (Content filtering)
- The content of the sites will be evaluated and compared to entries entered before. Screening thresholds and entries can be preset.
- By separating local computers from servers, each computer will be screened in the network unless it is disconnected.
- Using this "transparent proxy" other computers or mobile phones can be detected in the network or W-LAN and screened.
- The PC will be protected by free software (Microsoft „Steady State“)
  - o De-activating all functions which enable changes on a computer
  - o Protecting user accounts against any changes
  - o Restrictions in usable programmes
  - o Resetting computers in a defined state with every reboot or also with every login procedure in a user account

## Applications / Risks / Opportunities

- Internet cafe
- Homework
- Research
- Job applications
- Games
- Computer training courses
- Parent-teacher conferences
- LAN parties
- Geocaching
- Group leader training courses
- Multiplier training courses
- In-house MA-training courses