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## Microsoft Office – Advances techniques of VBA programming

**Description:** The course is aimed at familiarising participants with the possibilities to exchange data between external programs. It teaches the methods of using access objects in various programs of the Office package.

**Duration:** 16 hours

**Initial requirements:** The training is based on the knowledge included in previous parts of the related case studies.

**For whom:** The training is based on the knowledge included in previous parts of the related case studies.

### Module: Data exchange between programs (VBAOFF)

- 1) **Work with text file**
  - a. Data exchange in sequential file
  - b. Data exchange in random access file
- 2) **Dynamic data exchange**
  - a. DDE channel
  - b. Connecting and embedding OLE
  - c. Setting references, obtaining access
  - d. Sending key clicks to other Windows applications
- 3) **ActiveX controls – examples**
  - a. Features
  - b. Programming events
- 4) **Personal OCX controls – example**
  - a. Designing
  - b. Registering
- 5) **Workshop**
  - a. Data exchange between Microsoft Excel and Microsoft Access
  - b. Publishing reports in Microsoft Word
  - c. Microsoft Access database program replication
    - i) Definition of replication conflicts
    - ii) Conflict resolution tool