

## We Work For You

**See-Sozialversicherung (Social Security for Seamen) is developing from a classical administration to a modern and service oriented company for the German maritime shipping. The See-Sozialversicherung provides benefits for the pension funds, health-, nursing care- and accident-insurance. Success means a lot to See-Sozialversicherung: to achieve a high degree of satisfaction for the members and their employers, to increase the total number of members and to reduce the numbers of accidents.**



The combination of the social security aspects with federal duties makes the company a competent partner of the maritime industry. Tradition is coupled with progress. The See-Sozialversicherung faces the market competition!

The See-Sozialversicherung (SSV) is headquartered just a stone's throw away from the famous "Speicherstadt" at downtown Hamburg. For decades SSV is running their mainframe. VSE/ESA 2.4 is being used as operating system. All production applications have been developed in-house in COBOL. The production data is kept in VSAM files, which feature extremely complex structures, such as multiple record types and variable tables. For years SSV is using a host based word processing system. Quite a number of COBOL subprograms have been developed that collect information to be used in certain text templates.



the existing host programs."

The end-user departments now use WORD templates. By clicking on an icon they start a VBA macro. The macro asks for the

social security number and then uses the tcACCESS ODBC-component to CALL an existing CICS-COBOL program on the mainframe. The social security number and parameter related to the document are being passed to the mainframe. tcACCESS calls the program, the program executes, gathers all relevant data that are needed by the template and returns the data via tcACCESS back to the VBA-macro.

Siegfried Graf, Manager IT, remembers: "Our end user departments demanded to use MS-WORD as their new word processing system. However all existing functions provided by the host-based system should still be available. Furthermore our programming department was facing regular requests from our end users for adhoc-reports that have to be developed as COBOL batch-programs. The end user departments wanted to be able to perform these analysis reports by themselves. "

"In addition to these applications we also use tcACCESS to start MS-WORD directly from our CICS-applications. This allows us to use MS-WORD to compose letters with data from the mainframe online- application. "

The contact B.O.S. was established early 2001. The tcACCESS concept was being presented to Mr. Graf and it was decided to start a trial during spring of 2001.

Siegfried Graf makes a résumé: "Our usage of tcACCESS is multifaceted. Some of our end-users have the authority to directly access our customer database using predefined tcACCESS views. They now can create their adhoc-reports without having to involve the programming department. One of our next projects will be an application that can be used by auditors from the Federal Labor Office that performs audits on a regular base. Audits will become more efficient because we will provide a PC-application that accesses the mainframe databases using tcACCESS and will create a really "visualized" view to our data. We are extremely pleased with the product, the wide range of areas where the product can be used. Thanks to the support of B.O.S. Questions that came up always could be reported to the support-team and they took care."

Siegfried Graf: " We installed the package without any problems. Right after the installation we already could test some of the functions important to us. We've been able to import our existing COBOL copy-books into tcACCESS and created SQL-views to access some of our complex VSAM structures. "

During the trial a prototype has been developed to use a so-called Remote Program Execution. Siegfried Graf: "It was our goal to develop VBA macros that would be able to call our existing COBOL-CICS-programs. We wanted to use these legacy template programs from our new MS-WORD letters. The B.O.S. support team has actively helped us finding a way to do this without having to modify



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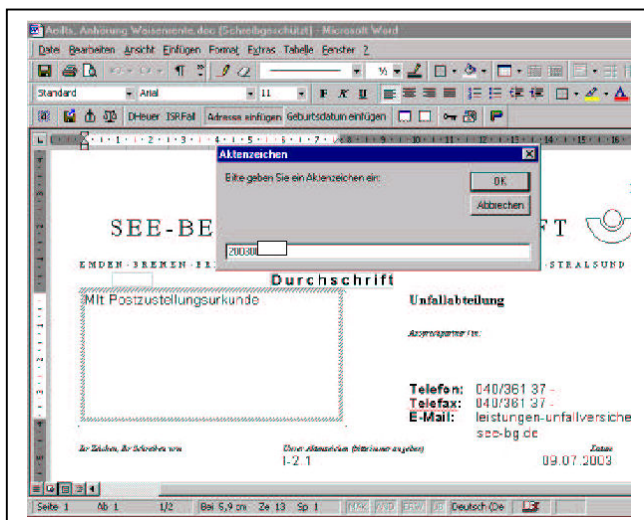
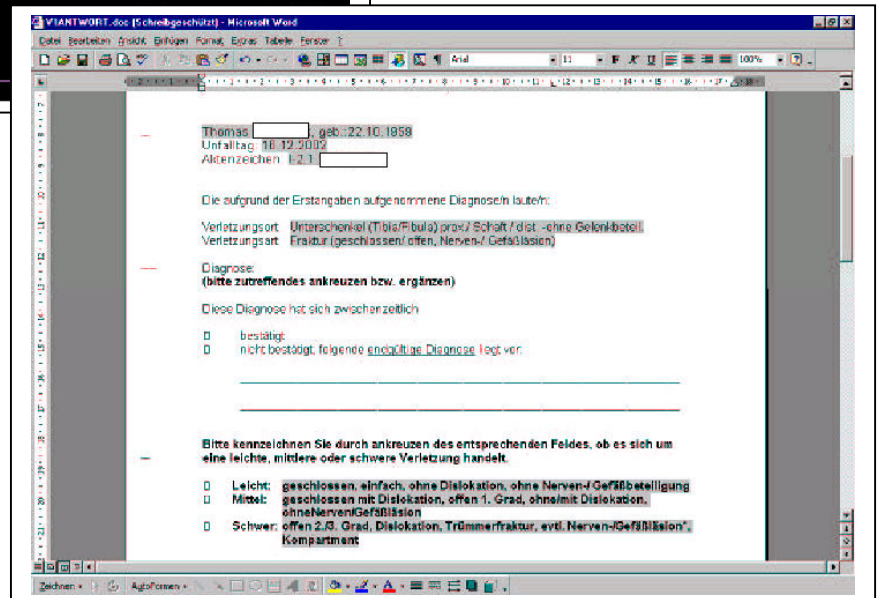
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## Applications of See-Sozialversicherung:

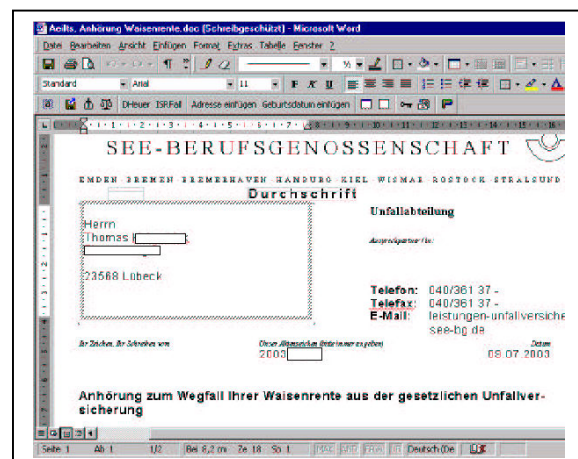


A CICS-application directly calls MS-WORD. A template will be opened and data that has been sent by the 3270 application will be used.

The CICS-program uses a tcACCESS API that communicates with the tcACCESS Listener running on a PC. The CICS-program tells the Listener to start MS-WORD, load a template and include the mainframe data into the letter.



A WORD-VBA macro asks for a social security number. Using the tcACCESS ODBC-component the macro CALLs an existing CICS-COBOL-program and passes parameter to the program.



The CICS-COBOL-program will be executed on the VSE system, it gathers the data and passes the data back to the VBA macro. By using this technique (Remote Program Execution), the hostbased text processing programs could be easily incorporated into MS-WORD.