Cologne, 31st March 1999

Testimonial

Mr. Werner Kirchmann, born on the 27th September 1959 in Düren, was employed by our Cologne office for trade and industry from 1st January 1990 to 31st March 1999.

At the beginning of his employment he received basic training, the emphasis of which was on programming and database-design within the IBM main-frame environment. From May 1990 to June 1991 we assigned him to a project for the re-development a material logistics system for a motor manufacturer. His participation in this project was very succesful, particularly in the fine-tuning, development and testing of this new system. The project was executed in the following systems environment: IBM-MVS, JCL, DB2, SQL, IMS-DC and COBOL.

From July 1991 to March 1997 Mr. Kirchmann was involved in projects for an important chemical industry client.

His first success here was on a project called „MDC (Mobile Data Communications)", which involved the re-development of a client/server application (recording orders, work reports, e-mail). It was his job to draw up the necessary technical design in close collaboration with the user area. The technical environment was MS-DOS, UNIX, C and Oracle. Mr Kirchmann was also responsible for testing and for the successful introduction of the system in the user area.

This system found such a high degree of acceptance within the user area that, during a total period of 5 years, it was regularly enhanced with new functions. Mr. Kirchmann was also responsible for designing and implementing the new modules.

During the period from January 1993 to June 1993, Mr. Kirchmann undertook the design of the system called Effective Recording of Expenses". Furthermore, he was involved in the development, testing and development phases. The project was executed in the technical environment of MS-DOS, UNIX, C, Oracle and SQL forms.

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Whilst working on the „MDC" project, Mr. Kirchmann also headed the „ECR - Efficient Customer Response" project during the period from March 1995 up to August 1995. This project was concieved as a client/server application for the automatic generation of orders derived from sales figures. In addition to successfully heading the project, he was also responsible for analysing requirements and the corresponding design. The project was executed in the technical environment of MS-DOS, UNIX, C, and Visual Basic.

During the period from July 1996 to November 1996, Mr. Kirchmann made a decisive contribution to the development of an extensive server concept for a customer within the pharmaceutical industry. This involved the design of server operating systems and client operating systems, training customers' employees, help-desk organization and systems management. In the end, these designs which were implemented by client staff led to considerable improvements in the availability of the systems concerned. In this respect, Mr. Kirchmann's work earned considerable praise.

From November 1996, Mr. Kirchmann headed a project called „ADREMA - the selection and introduction of standard software" for one of our chemical industry customers. He was responsible for the analysis of business processes, the selection of standard software and the successful implementation of this software in the customer's Novell LAN; the project lasted 5 months.

During the period from August 1997 to November 1997, Mr. Kirchmann was involved in the development and the test phases of a project called „Operational Data Administration - Part II" for a regional local authority. This project was executed in the technical environment of UNIX, Ingres DB and CA OpenRoad.

During the period from February 1998 to June 1998 and within the framework of a project called „Back-up Strategies" for the pharmaceutical industry client mentioned above, Mr. Kirchmann worked out the design for the server back-up, client back-up, Lotus Notes cluster and back-up automation. Mr. Kirchmann achieved excellent operational results here too, just as he had already done in the „Server Concept" project for the same customer.

In addition to his extremly successful project work, Mr. Kirchmann was also responsible for the LAN administration of our Cologne office during the period from January 1995 to October 1998.

Included in his duties were the building up, expansion and maintenance of the LAN. Furthermore, he was also in charge of the installation of new client PCs, servers and other components within the technical environment of Novell NetWare 3.x, Windows 95/NT, TCP/IP and Lotus Notes 4.x.

From May 1998 to February 1999, Mr. Kirchmann managed a project called „EVCS/MELOS@web" for a motor manufacturer. A considerable part of the testing of the subsequently introduced system was carried out by him personally. This system involved the re-development of an intranet-based finance reporting tool, which was introduced into the user area with great success. The development of this tool was effected in the technical environment of IBM-MVS, DB2, SQL, IBM WEB Server, Net.Data. HL and Javascript.

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From July 1998 to February 1999, Mr. Kirchmann, as project leader, was also personally responsible for a total of 3 intranet projects for 2 companies from the chemical industry. Two of these projects were executed in the „Year 2000 Office" environment; Mr. Kirchmann provided extremely competent specialist support to both companies in this respect. The third project involved the re-development of an intranet application involving „SAP R/3" and „BPR (Business Process Re-engineering)". In all three projects, for which a Lotus Domino database connection was additionally required, Mr. Kirchmann was responsible for the design, the Y2K consultation, the editing of the web site and the corresponding tests.

Besides his numerous project tasks, Mr. Kirchmann has always supported the training and further development of the younger members of staff effectively, as he has always been ready and willing to pass on his know-how and experience. Moreover, he has been responsible for providing internal courses on subjects such as C and OOP.

Furthermore, Mr. Kirchmann has provided very effective sales support for the business management.

Within the framework of his responsibility for the subject matter „Data Warehouse", Mr. Kirchmann has circulated his knowledgeable and competent design ideas on the subject trhoughout the office.

On account of his extremely good operational results, which he achieved through his high personal, operational and technical skill in collaboration with the employees of the respective custmer, on the 1st. January 1993 we promoted Mr. Kirchmann to the position of consultant.

In the following period, as Mr. Kirchmann subsequently proved that he was capable of solving complex tasks in the project management very reliably we promoted him to the position of project consultant with effect from 1st October 1995.

The fact that Mr. Kirchmann - in addition to his numerous specialist tasks and the management of employees in the projects - had also proven to be an extremely successful sales man for the company during the projects also influenced this promotion.
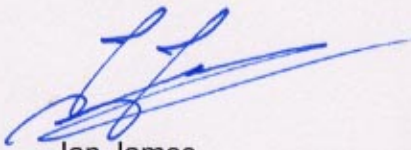
The depth and range of Mr. Kirchmann's knowledge has been increased during the projects by his attendance of various training courses, which are documented in the enclosed supplement to this testimonial.

Mr. Kirchmann has dealt with the tasks assigned to him with great care and precision, and with a high degree of commitment, and always to our complete satisfaction.

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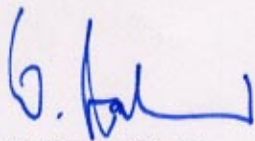Ein Unternehmen der
Computer Sciences Corporation

He has been an extremely conscientious and reliable employee. His behavior with respect to his superiors, customers and colleagues has always been beyond reproach.

Mr. Kirchmann is leaving our company at his own request. We greatly regret his leaving us and would like to wish him every success in his future career and personal life.

CSC PLOENZKE AG
Cologne Business Unit for Commerce and Industry

Ian James
Business Unit Manager

Wolfgang Stahn
Area Manager

Authorized by: Wolfgang Stahn

Appendix
Attendance of training courses

Appendix to the testemonial of Mr. Werner Kirchmann dated 31st March 1999

Attendance of training courses

January 1990	IMS-DB programming
February 1990	IMS-DC programming
March 1990	Fundamentals of telecommunications
March 1990	MVS-JCL
April 1990	Fundamentals of software engineering
May 1990	TSO/CLIST
May 1990	DB2-SQL language training
May 1990	DB2 introduction
June 1990	DB2 application development
September 1990	C programming
February 1991	IMS-DC / DB2
March 1991	Methodical testing
March 1991	Isotec requirement analysis
July 1991	OS/2 PM application development
July 1991	OS/2 application development
November 1991	OS/2 communications manager workshop
February 1992	communications training
February 1992	Visualization and presentation
October 1992	Apprlication development with Oracle SQL forms V3
October 1992	Professioal introduction into SQL and Oracle
March 1993	Introduction to object-orientated programming / C++
April 1993	Moderated requirement analysis
May 1994	Microsoft Access 1.1 - compact course
June 1994	Successful project leadership
January 1995	Database administration Oracle 7
August 1996	Lotus Notes R4 database development I
August 1996	Lotus Notes R4 Power User
August 1996	Lotus Notes R4 Basic User
Oktober 1996	Lotus Notes R4 system administration I
April 1997	Cooperation and resolving conflicts
August 1997	CA-OpenRoad Upgrade
November 1997	Systematic problem solving techniques
June 1998	Managing customers and projects