

## Enrollment

Please complete and sign the registration form and send it to us no later than ten business days before the desired date by mail or fax **+49 (89) 4 56 56-399**.

Yes, we want to participate in the following training course with \_\_\_ person(s):

- OPC Introductory Course on \_\_\_\_\_
- OPC Advanced Course on \_\_\_\_\_
- OPC Manufacturer Training on \_\_\_\_\_
- Unified Architecture on \_\_\_\_\_
- OPC User Training I on \_\_\_\_\_
- OPC User Training II on \_\_\_\_\_
- We would like to talk about a customized OPC Company Seminar and ask you to call us back.
- Please send us \_\_\_ copies of the "OPC" book at a price of ≈ 52.- per item.

\_\_\_\_\_  
Name and surname

\_\_\_\_\_  
Company

\_\_\_\_\_  
Department

\_\_\_\_\_  
Street/P.O. box

\_\_\_\_\_  
Zip code/city

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Fax

\_\_\_\_\_  
E-Mail

\_\_\_\_\_  
Date

\_\_\_\_\_  
Stamp/signature

The General Standard Terms and Conditions of Softing AG apply.

## OPC – Basics of Technology and Advantages

OPC is the standard technology for integration of automation components in the PC world. The courses provide the necessary know-how concerning the advantages and application possibilities of this technology.

## Our Experience – your Success

Our active participation in several workgroups of the OPC Foundation guarantees up-to-date, technology-oriented seminar contents and first-hand information. The experiences gained from development and usage of many OPC products such as servers, clients, toolkits etc. enable us to provide training with practical implications directly related to customer requirements.



## Literature for more Information

Participants of our training courses receive a copy of the book "OPC – Fundamentals, Implementation and Application". With more than 8,500 copies sold to date, this book for developers, automation experts and students has become

the worldwide benchmark in OPC literature. Please use the included form (if you would like) to order extra copies.

## Organized by

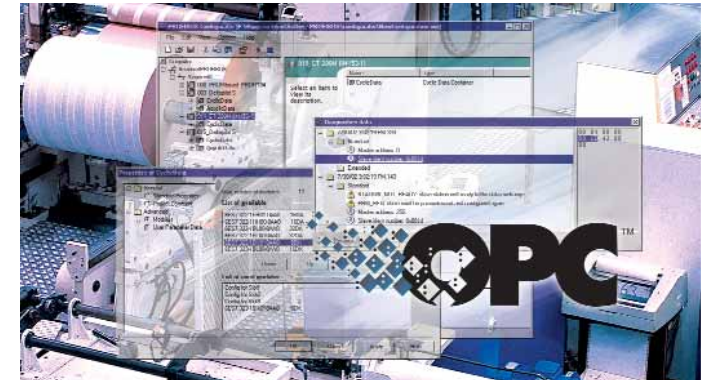
### Softing AG

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## OPC Seminars

Technology in Practice



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### Manufacturer Training (two days)

This two-day seminar offers potential manufacturers of OPC products the opportunity to familiarize themselves efficiently and successfully with OPC technology. The seminar draws on ten years of experience in the development of OPC products. Basic OPC technology and OPC specifications are explained in a practice-oriented manner. Security settings, performance assessments and sample applications are presented in detail. Participants will be given ample opportunity to gain practical experience. The first day of the seminar (Introductory seminar) will focus on explaining the specifications. The second day (Advanced seminar) will be devoted to the development of a Modbus OPC server and the creation of Excel OPC clients.

### OPC Unified Architecture Training (one day)

This one-day seminar provides you with a compact, technically-oriented introduction to the new OPC Unified Architecture (UA) technology. It comprises a technical overview of OPC UA, the advantages of the platform-independent application of OPC components, the architecture, and the properties of OPC UA clients and servers. Particular emphasis will be put on the migration of existing DCOM OPC products to the new Unified Architecture.

### Target Group

Technical managers, software development executives, development engineers and product manager

### Prerequisites

Basic knowledge of object-oriented programming

\* The introductory course (first day) or, in case of sufficient basic knowledge, the advanced course (second day) can also be attended separately.

### User Training I (one day)

Become an OPC user in just one day!  
This one-day seminar provides an efficient introduction to the terminology, basics and application of OPC technology. You will gain an overview of existing OPC specifications and the functionality of OPC applications. Ample time will be dedicated to the practical use of OPC products. You will learn how to commission OPC servers and how OPC clients access these servers. The clients are commonly used visualization systems. Practical exercises will help you gain a more in-depth knowledge of OPC.

### User Training II (one day)

This one-day seminar focuses on specific practical tasks:

- Security settings (DCOM) in OPC communication between remote computers
- OPC connection across firewalls
- Handling very high performance demands
- Archiving OPC data in databases
- etc.

Troubleshooting support and tips are provided in numerous demonstrations.

### Target Group

Systems integrators, sales engineers, service staff

### Prerequisites

No special knowledge required

### Customized Company Seminars

We will be glad to offer you tailor-made in-house courses.

### Just ask us!

### Conditions of Participation

#### Services Offered

The price includes the training, course hand-outs, a certificate, **the book "OPC - Fundamentals, Implementation and Application"**, refreshments during breaks and lunch.

#### Dates

For dates and locations, see [www.softing.com/OPC](http://www.softing.com/OPC).

#### Enrollment

Softing must have received your written registration at least ten business days before the course begins. Every registration will be confirmed by us in writing and become binding for both parties upon confirmation.

Softing reserves the right to cancel or reschedule the course at least five business days before the intended start.

Registered participants may cancel no later than ten business days before the beginning of the course without incurring any costs.

#### Participation Fees\*

- |  |         |
|--|---------|
| ■ OPC Introductory Course  | ≈ 595.– |
| ■ OPC Advanced Course  | ≈ 595.– |
| ■ OPC Manufacturer Training:<br>Introductory and Advanced Course | ≈ 795.– |
| ■ OPC Unified Architecture Training                              | ≈ 595.– |
| ■ OPC User Training I  | ≈ 495.– |
| ■ OPC User Training II   | ≈ 495.– |
| ■ OPC User Training I and II                                     | ≈ 795.– |
| ■ Customized Company Seminars By arrangement                     |         |

(\*per participant, VAT not included)

#### Discounts

- |                     |                     |
|---------------------|---------------------|
| 2 participants: 5%  | 3 participants: 10% |
| 4 participants: 15% | 5 participants: 20% |