OMRON

Server Lite

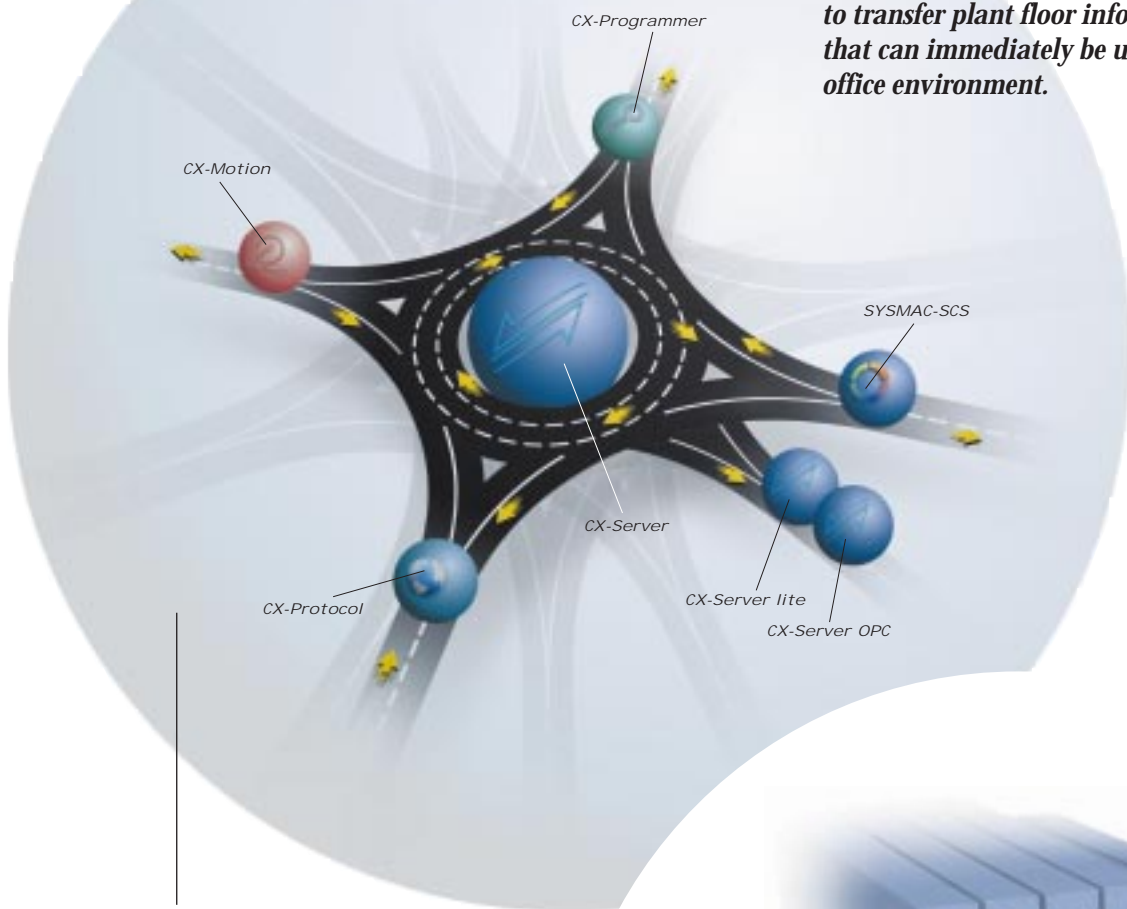## A look through your Office Windows onto the plant floor

Adaptivity

On the road ahead, into the Third Millennium, manufacturing industries will be challenged by a growing global economy. In order to survive, grow and compete, manufacturers must be able to adapt their production processes to changing market conditions more rapidly than ever before.

Omron has developed a software suite that will enable manufactorers to meet this challenge. The Omron CX Automation Suite has been designed to dynamically evolve and accommodate any implementation, improvement, adaptation or extension to any kind of control or data acquisition within the manufacturing industry. The CX Automation Suite offers the one requirement that is needed to constantly optimise manufacturing processes. We call it Adaptivity.
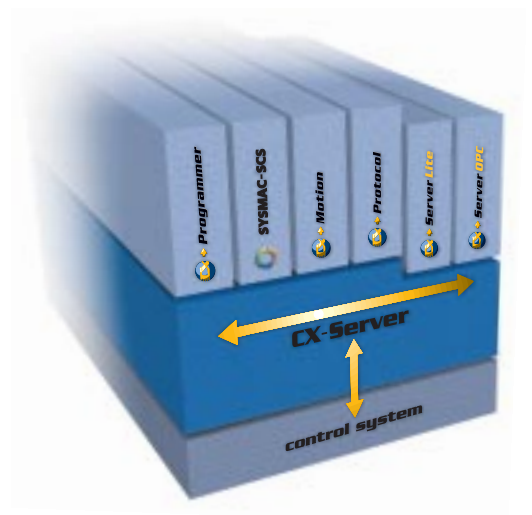
CX-Server Lite

CX-Server Lite is one of the server programs in the CX Automation Suite. CX-Server Lite applies open standards such as ActiveX® en COM to transfer plant floor information that can immediately be used in the office environment.

CX-Programmer

CX-Motion

SYSMAC-SCS

CX-Server

CX-Server lite

CX-Server OPC

CX-Protocol

'Adaptivity':
The intrinsic ability
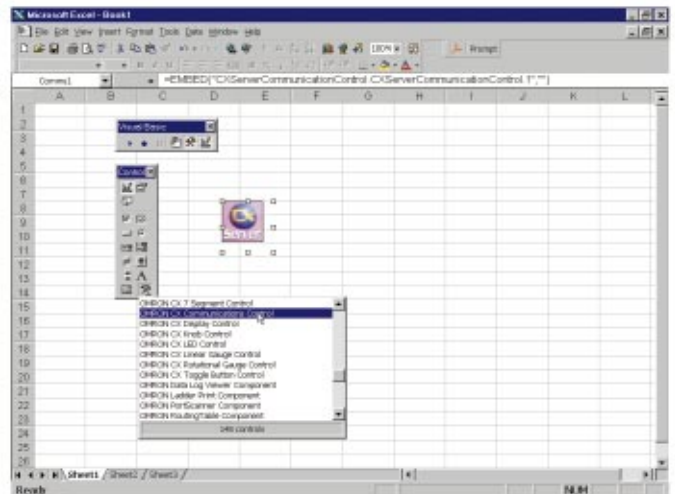of systems to adapt
rapidly to change.

Not a single line of code required

*How to create a machine-linked screen
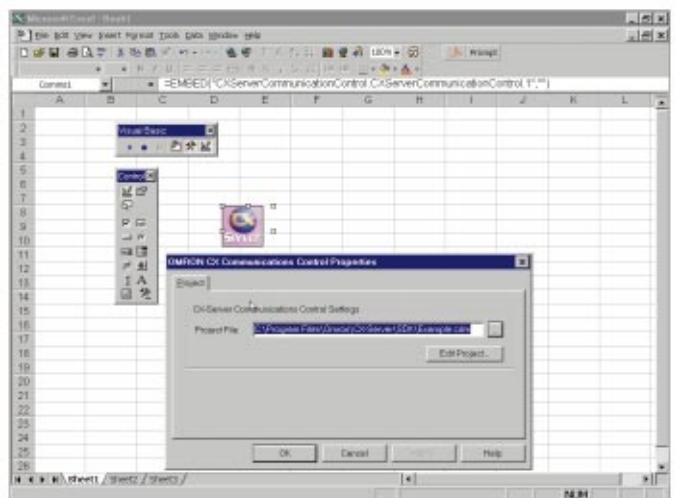in a Windows Office application in four simple steps.*

1 **Drag and drop the
communication component**
The communication package is
started automatically, when leaving
the design mode.

2 **Set the properties of the
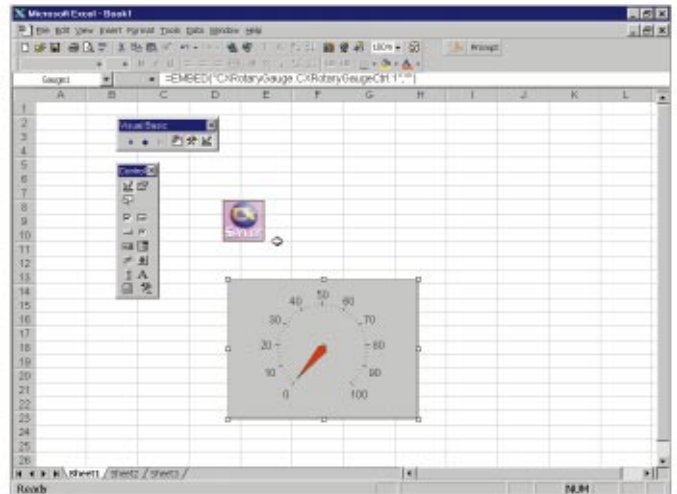communication component**
Link the communication component
to a .CDM file. The .CDM file is
present in the control system files.
It enables the user to access any
process parameter by its tag name
such as 'Oil Tank Pump', instead of a
meaningless code that requests
more programming knowledge.

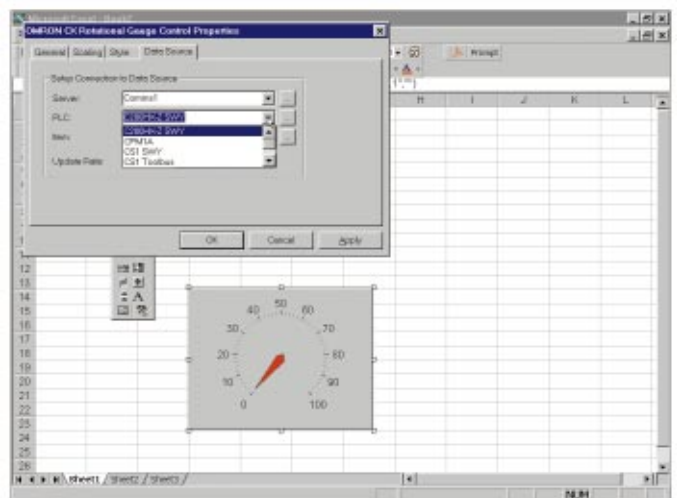### 3 Drag and drop a graphic interface component

To visualise a process parameter it can be linked to a graphic interface component. Simply 'drag-and-drop' the component on your worksheet .

4 Set the properties of the graphic interface component

Link the component to the desired process variable. The process variable can be selected from a list by using its tag name.
The properties box of the graphic interface component allows you to set the appearance to fit your requirements.

For every scale of application

CX-Server Lite fits every size of operation. Applications may be as sophisticated or as simple as required. With CX-Server Lite, all you need to do is drag, drop and click to obtain powerful live data of your plant in the Windows environment of your information system. Being a part of the CX Automation Suite you are assured of full transparency of information, as far down as the level of PLCs.

More information

Please call your nearest Omron representative for more information. You will find the telephone numbers of Omron offices throughout Europe in this brochure.

Look through your Office Windows
onto the plant floor

People have become familiar with the easy functionality of software
in the business environment. This software is mainly built around Microsoft
standards. CX-Server Lite has been developed to enter factory data into this
environment. It achieves seamless data transfer, converting data into
information that can be understood and used in your business processes.
By applying open standards such as ActiveX® and COM, CX-Server Lite
makes these data available as information that can be processed by users
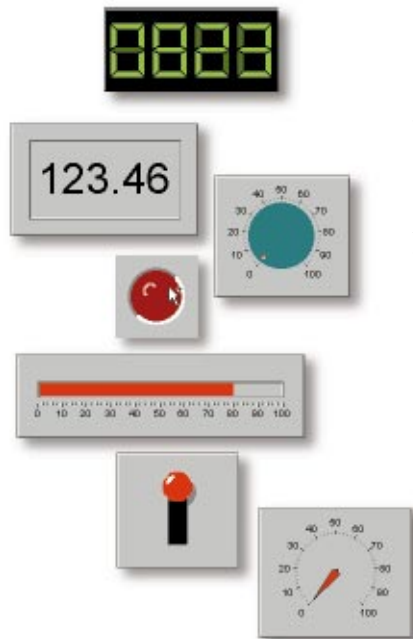with programs they are familiar with, e.g. Microsoft Excel and Access.

Simple and low cost implementation
for real-time data flow
CX-Server Lite is designed as an ActiveX® control, which
is an add-on function to Microsoft Windows applications
such as Excel or Visual Basic. By adding CX-Server Lite
into Excel, for example, live data can be updated directly
into a cell or range of cells on the spreadsheet. No need
for special programming skills. Just use your existing
Excel program.

Graphic interface components included
To let you make a start right away, Omron included a set
of graphic interface components. These components can
be dragged and dropped in to the worksheet of any
Active-X® container. Because you can directly link them
to a process variable selected from a list, no program-
ming of any code is required.

Server Lite

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