ABB DCS Collaboration Arena
Third Party System Evolution
ABB DCS Collaboration Arena
Located in the south of France, Marseille

- The most complete System 800xA Arena with a high level of integration and variety of integrated hardware
- Created as a System 800xA control room, not as a ‘demo center’
- All components for successful customer meetings: Experienced engineers providing interesting demo sessions, complete meeting facilities and a great climate combined excellent dining and lodging
- Easily accessible in the center of Europe – 20 minutes from Marseille Provence Airport and Aix-en-Provence TGV station
System 800xA Automation Arena
Get hands on automation solutions in a fully equipped demo environment.

Why visit?
– Experience capabilities of our automation solutions in a fully equipped environment, encountering and solving challenging real life scenarios.

Who should visit?
– Current and future users of ABB control systems and products, C-level executives, operations personnel, engineering professionals, maintenance and reliability professionals
– To learn how to increase asset reliability and utilization, improve operator effectiveness and drive continuous improvements and safety.
ABB DCS Collaboration Arena
The most complete System 800xA Automation Arena

Standard System 800xA demo system with the addition of:
- Current and previous ABB DCS and Third Party DCS consolidation and Stepwise System Evolution
- Control room design
- Building Management System
- Complete meeting facilities
Experience actual ABB and competitor hardware in real-time integration and see how this fulfills our philosophy: A stepwise system evolution to only replace what is economically sound while protecting the investment in intellectual property.

**Consolidation:**

**Control System Consolidation**
- Multi DCS environment consolidation into one single System 800xA HMI

**Control Room Consolidation**
- Reducing the number of HMI’s or control rooms needed to manage the process

**Hardware Migration:**

**Hardware replacement**
- Replacement of controllers, I/Os, cabling etc.
The arena is purpose built as a control room with our control room design principles taken into account.

- Operator effectiveness / Human Factors
- Building automation
ABB DCS Collaboration Arena
Meeting facilities

- The place to hold meetings to discuss DCS consolidation, integration and stepwise evolution of customers DCS installations
- Complete meeting facilities for up to 8 persons
- Privacy with Smartfilm glass
- Collaboration table for presentations
- Cafeteria for breaks and lunch
- Beautiful location, excellent lodging and dining nearby
ABB DCS Collaboration Arena
Building automation integration into System 800xA

**Building automation** integrated into System 800xA:
- Lights
- Ventilation
- CCTV
- Historical weather data as input for building management
- Energy consumption/efficiency
ABB DCS Collaboration Arena
Remote online demo capabilities

- Showcases the arena remotely using only a link and a web browser.
- Works in low bandwidth conditions.
- Several participants from several locations can join simultaneously.
- Sense of presence through CCTV and integrated building automation.
ABB DCS Collaboration Arena
Dedicated engineering staff

Expertise in
– System 800xA
– Third Party DCS
– PLC

Development of
– System Evolution approach
– Evolution tools
– Display conversion
– Controller code conversion
– Controller code analysis and documentation
– Automated controller code testing
– I/O cabling replacement solutions
ABB DCS Collaboration Arena
Live ABB and Third Party hardware consolidation (1)

System 800xA
- Extended Operator Workplace
- System 800xA Engineering, Control Builder
- System 800xA Collaboration Table
- AC 800M
- S800 I/O

Third Party Control System (DCS)
- Siemens S7 300 and 400
- Emerson Delta V, Provox
- Foxboro I/A
- Yokogawa Centum 3000
- Honeywell TDC3000, Experion
- GE Fanuc
- Schneider
ABB DCS Collaboration Arena
Live ABB and Third Party hardware consolidation (2)

Other/earlier generation ABB Control Systems
- Freelance
- Advant Master (AC450), Advant MOD 300 (AC460)
- Infi 90
- Modumat
- S100 I/O
- S400 I/O
- AC500 PLC
- Busch-Jaeger
ABB DCS Collaboration Arena
Visit us! Contact us to book your visit!

ABB DCS Collaboration Arena

ABB France
ZAC Saumaty-Séon
14, rue Jean-Jacques Vernazza
13321 Marseille cedex 16
France

ABB Third Party System Evolution

tpse@se.abb.com
ABB DCS Collaboration Arena
How to find us
ABB DCS Collaboration Arena
Hotel recommendations

In Cassis
(approx. 45 mins to ABB office)

Le Liatud
Phone +33 4 42 01 75 37

Les Roches Blanches
Phone +33 4 42 01 09 30

In Marseille

Escale Oceania hotel
Phone +33 4 91 90 61

Newhotel vieux port
Phone +33 4 91 90 61
### ABB DCS Collaboration Arena

**Restaurant recommendations**

<table>
<thead>
<tr>
<th>Restaurant</th>
<th>Average price per person</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Le caribou</td>
<td>40€</td>
<td>38 place Thiars 13001 Marseille</td>
</tr>
<tr>
<td>L’hippocampe</td>
<td>40€</td>
<td>14 quai du port 13001 Marseille</td>
</tr>
<tr>
<td>Une table du sud</td>
<td>40€</td>
<td>2 quai du port 13002 Marseille</td>
</tr>
<tr>
<td>Le Grand Large à Cassis</td>
<td>40€</td>
<td>Esplanade Charles de Gaulle 13260 Cassis</td>
</tr>
<tr>
<td>Cesar place</td>
<td>50€</td>
<td>21 place aux huiles 13001 Marseille</td>
</tr>
<tr>
<td>Le Fuxia</td>
<td>21€</td>
<td>27 rue saint-saëns 13001 Marseille</td>
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