

**Name:** Programming in OBEL  
**Code:** SE-SC-03  
**Time:** 40 Hours  
**Objective:** In this course we provide you with the skills necessary to design more advanced level displays for the OASyS system using the OBEL programming language. These concepts are necessary to develop advanced displays with interaction to the real time data from the CMX and historical data from the XIS. Include practices of building advance displays.  
**Audience:** Intended to Engineers and Technicians that performs tasks of maintenance, configuration, evaluation and programming of the OASyS SCADA system.

**Contents**

<b>Contents</b>	
<p><i>Day 1</i></p> <ol style="list-style-type: none"> <li>1. Introduction to the OASyS SCADA system. <ul style="list-style-type: none"> <li>• XOS Architecture.</li> <li>• Runtime.</li> <li>• OASyS menu in AutoCAD.</li> <li>• When to use OBEL.</li> <li>• What is OBEL?</li> <li>• OBEL vs. Actions.</li> <li>• Objects types.</li> <li>• Using the objects.</li> </ul> </li> </ol>	<p><i>Day 3</i></p> <ol style="list-style-type: none"> <li>1. OASyS objects.</li> <li>2. OBEL syntax and structure.</li> </ol>
<p><i>Day 2</i></p> <ol style="list-style-type: none"> <li>1. OBEL Tools. <ul style="list-style-type: none"> <li>• OBEL Editor.</li> <li>• OBEL Parser.</li> </ul> </li> </ol>	<p><i>Day 4</i></p> <ol style="list-style-type: none"> <li>1. Interacting with objects.</li> <li>2. Advanced topics.</li> </ol>
	<p><i>Day 5</i></p> <ol style="list-style-type: none"> <li>1. Exercises.</li> </ol>