

**ELGIN SEPARATION SOLUTIONS CASE STUDY**

**Majer, Iraq Water Treatment Plant**

<b>Industry</b>	Municipal Water Treatment
<b>Problems</b>	Locating a water treatment plant in a harsh environment rife with biofouling problems — on the Tigris River in Iraq. The plant's location in Iraq means that English-fluency is not likely among system operators.
<b>Solutions</b>	Elgin Separation Solutions built four screens with its proprietary Jacquelyn Coating™. To address the language barrier, Elgin modified our RAMA™ control system to make a panel that was operable based only on pictures and numbers.
<b>Result</b>	A functional, durable water intake system on the Tigris River.

Soon water from the Tigris River will flow through screens designed and built by Elgin. We provided an Intake and AirBurst System for installation at a water treatment plant in Iraq. The ancient waterway is also rife with biofouling problems. In response, Elgin built four screens with its proprietary Jacquelyn Coating™. The system also had to be durable enough to stand up to Iraq's harsh environment.

To address the language barrier Elgin modified our RAMA™ control system to make a panel that was operable based only on pictures and numbers. With our RAMA™ control software and third-party graphically based touch panel, we minimized any translation errors. We designed unique interactive screens, like the one shown below, on which pictures represented a part or function in the system. For instance, if an operator presses a valve icon, that accesses the valve control page.

We are eager for the Majer, Iraq system to go online in the coming weeks and to have had an impact on this historic region of the world.

