



# Elemental Gazette

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Your source for the latest news from Elemental Effects

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## A Pirates Life for Me

The pirates are being good to us and this time they have brought us to Pirates Adventure Golf in Belfast, Northern Ireland.

Pirates Adventure Golf has two 18 hole courses and was built by Castle Golf in 2005.

This is our third project for PAG having provided a small pirate battle system in 2005 and a set of spitting tiki poles in 2006. This time around we are adding effects to some new scenic elements as well as adding water fog and an integrated show control system. This project also provides our first opportunity to visit the PAG site.

Two new outposts have been added each is complemented with one of our CS-40 cannon simulators as well as two water explosions for each of the outposts. Audio and custom character voicing completes these elements.

We have added water fog accents throughout the course. Including the graveyard, Captain's falls, Blackbeard's falls and the Seafarer's Path.



We've upgraded PAG's 18<sup>th</sup> hole player feedback systems. This system senses the player's final shot and plays back pre-recorded responses.

The most involved part of this project was the design, fabrication and installation of the updated Show Control System. While we utilize a wide variety of control systems most are centered around small industrial computers called Programmable Logic Controllers (PLC). PLCs have been the standard for industrial automation for decades and also have a large part in theme parks and attractions around the world. The Show Control System networks all of the effects systems together and places all of the system controls at the operator's finger tips via a touch screen interface. Under normal operations the Show Controller makes starting the effects system a one button operation.



We look forward to future projects with Pirates Adventure Golf.