

# CONTROLS, ALARMS & MONITORING

EmTech has developed a range of control, alarm and monitoring systems to suit all requirements and budgets. With a simplicity of operation that only years of hatchery experience can achieve.

## eclipse<sup>™</sup> INCUBATION CONTROL

The Eclipse<sup>™</sup> Incubator Control is our premier system based on a PLC platform for ultimate control and efficiency. A highly intelligent and flexible 20-stage programmable capability helps fine-tune the incubation process by constantly analysing the environment.

The interface has a user-friendly and high-quality touchscreen, and can be operated manually or in automatic mode to fully harness the system's power and functionality. In automatic mode the Eclipse<sup>™</sup> uses its intelligence to apply the required rate of air-intake against the precise requirements of the embryos respiratory needs, while achieving the necessary weight-loss targets.

PID temperature control anticipates the rate of heating and cooling by closely monitoring the heat load trend over time. The control uses industry standard modular components for easy and cost-effective maintenance.



## voyager<sup>™</sup> HATCHERY MONITORING

Voyager<sup>™</sup> is our premier Central Monitoring and Control System for complete control of the entire hatchery process. A sophisticated and powerful SCADA system with connection to Eclipse<sup>™</sup> controls, allowing full monitoring and control of all functions. Provides detailed log data and trend graphics for setters, hatchers and other connected equipment.



## discovery<sup>™</sup> ALARM SYSTEM

The Discovery<sup>™</sup> Central Alarm is our PLC system able to connect with more than 200 incubators or service equipment. With a large colour touchscreen, represented by a plan view of your hatchery, this easy-to-use system highlights all connected equipment in alarm condition. It also operates together with our Voyager<sup>™</sup> system to communicate the specific alarm condition. A Discovery-Light<sup>™</sup> system is also available.

