

Press Release
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New ventilation and smoke control BIM objects from SE Controls

The first phase of an ongoing programme to generate a range of key products as [BIM objects](#), has been completed by leading smoke control and natural ventilation systems specialist, SE Controls, which provides designers and engineers with the necessary data for digital building model configurations.

Each of the first 13 objects, which include chain actuators, manual control points (MCPs), SHEVTEC® controllers and generic windows, were all created in house by SE Controls' product engineers using Autodesk's Revit® BIM software to ensure the product data set was highly detailed while also complying with the COBie information requirements.

A key feature of SE Controls six 'generic window' BIM objects is that in addition to the standard information, the company has embedded full BIM data on its range of suitable actuators for each window type.

This not only provides all the relevant information, but also gives increased versatility, as the correct actuator details and data are selected automatically when the BIM window is re-sized during the design process. In addition, if the generic window is re-sized beyond the normal working parameters, the BIM object will flag this and alert the designer to contact SE Controls for advice.



Mechanical Design Engineer, Craig Couldrey, who is a key part of the SE Controls product design team behind the BIM development project, explained: "We chose to produce all the BIM objects in house, as no one knows our products and their application better than us. We also have direct access to a vast resource of product and design information, which allows us to provide accurate and detailed data which is vital for architects, specifiers and other BIM end users."

He added: "Our BIM objects are already available for download from [BIMObject®](#), which we partnered with due to its versatility and large user base, although in addition, they will shortly be available on our own upgraded website, which will have a dedicated BIM object download section."

Further information on SE Controls' products, solutions and projects can be obtained by visiting <http://www.secontrols.com> or calling +44 (0) 1543 443060.

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