

Computer Models For Fire and Smoke

<i>Model Name:</i>	Myriad II
<i>Version:</i>	2.04
<i>Date:</i>	12 th August 2007
<i>Classification:</i>	Spatial Analysis, Evacuation Analysis, Ingress/Egress Analysis
<i>Very Short Description:</i>	Multi-purpose toolkit for the analysis of crowd dynamics in the built and complex environment
<i>Modeler(s), Organization(s):</i>	Crowd Dynamics Ltd.
<i>User's Guide:</i>	Yes
<i>Technical References:</i>	Yes
<i>Validation References:</i>	Yes
<i>Availability:</i>	Now
<i>Price:</i>	P.O.A (many modules – breaks down into several components)
<i>Necessary Hardware:</i>	Standards Windows Based Laptops/Desktops
<i>Computer Language:</i>	C++, C#, Visual Studio, .NET
<i>Size:</i>	1Mb
<i>Contact Information:</i>	Dr. G. Keith Still, Crowd Dynamics Ltd. www.CrowdDynamics.com
<i>Detailed Description:</i>	Myriad II combines network analysis (flow and capacity) with agent based analysis in a multi-scalar modeling

environment. A third module (spatial analysis) allows the user to assess value engineering (utilized vs under utilized space) and was applied to some of the worlds largest and most challenging crowd environments. For further details see the webpages on www.crowddynamics.com