



Consulting Engineers for Moving People and Materials

- Vertical Transportation
- Façade Access
- Maintenance Management
- Materials Management
- Materials Handling
- Horizontal Transportation

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- Christmas Giving
- Feedback from our Clients
- A Winter's Ball

Leading the Way in Innovation

ADSIMULO

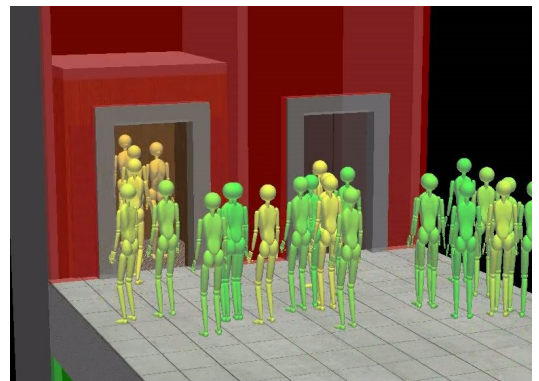
A new leading edge design tool for vertical transportation planning...

Three years of investment and development work in association with Kingston University has resulted in an innovative lift traffic analysis tool that can be accessed via the internet.

Adsimulo allows users not only to simulate the traffic performance of lifts within a building, viewing a passenger simulation in 3D, but also allows the exporting of a Building Information Model (BIM) for the selected design. This generic BIM file comes in the form of industry standard *.ifc files which are compatible with Autodesk Revit, Autodesk 3D, Autodesk Navisworks and indeed any other software capable of reading *.ifc files.

Users are able to view the 3D simulations via a "downloadable" custom viewer. They can watch the lobby traffic build up at certain key floors as well as move around inside the building, viewing the lift core, lifts and any floor covered by the simulation.

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Cast Your Vote and Help Us Help Others!



Help for Heroes raises money to support members of the Armed Forces who have been wounded in the service of their country.



The Lift Industry Charity benefits workers within the Lift Industry who require financial assistance in times of trouble.



CHASE provides nursing, practical and emotional support, across Surrey and Sussex, to families with children who are not expected to reach their 19th birthday.

This year we are going to share the money that we would ordinarily spend on sending out Christmas cards between three charities that we are passionate about. In addition, we thought you might like to add your voice to our choice and the charity which receives the most 'votes' by you will have their donation **doubled!**

[Click here and 'vote' for your preferred charity](#)

(simply write in the reply email which of the three charities you would like to nominate)





LERCH BATES

Building Insight

6 0 Y E A R S O F E X C E L L E N C E

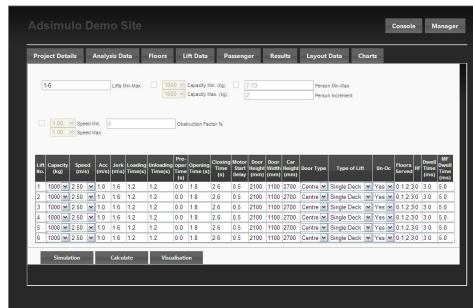
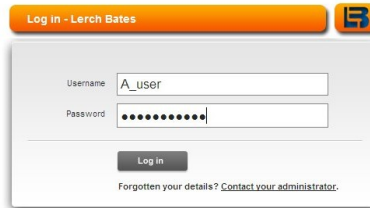
(Leading the Way In Innovation...continued from page 1)

Users can also record a video of any part of their simulation for future presentation. As the virtual passengers change colour dependent upon how long they have waited the user can easily see if the lift service is responding adequately to the projected demands. If there are too many passengers queuing in lobbies, looking at their watches and "glowing red" this is not a good sign! However, it is simple to go back and change variables such as the speed, capacity, number or arrangement of lifts to improve the service until it has been "fine tuned" to match the design criteria. The application also produces an estimate of floor space taken in the building so the relative space efficiency of different designs can be compared and contrasted.

The performance of the lift services may also be documented using easy to follow graphs and tables so that the user can capture the necessary design reports confirming that the key traffic performance

Design work that took months can now be done in hours ...

design criteria e.g. 5-minute Handling Capacity and Average Interval etc have been met.



Why not ask us for a demonstration of this powerful new design tool and learn how you could speed up your design process!

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We wish you all a very Merry Christmas and a Happy New Year!



A Perfect Ten - Thank you!

Blowing our own trumpet is never easy so we thought we would let our clients speak for us!

As part of our Quality Assurance we regularly conduct Client Satisfaction Surveys and we are very grateful for the tremendous feedback we have received. Clients score our performance in categories such as level of service received, project results and value for money on a scale of 1 - 10, with ten being the most satisfied.

To date this year, we are delighted to have achieved a combined 70% of perfect 10's and near perfect 9's in each of the categories!

Thank you to all our clients who take the time to provide us with this invaluable feedback.

A Winter's Ball



On a cold and frosty November evening, Surrey Care Trust and Surrey Community Development Trust staged a spectacular charity event in the Great Hall at Farnham Castle. Lerch Bates were delighted to support the event and, in addition to attending the party, made a generous donation to the charity.

At the heart of Surrey Care Trust's work is alternative education, helping people overcome economic and social disadvantage. Not only do individuals benefit from the Trust's work, but the wider community also gains when people are better equipped with skills to help them find a job, to support them in bringing up their children and in making a positive contribution to society.



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