

## **Simon Holt - Triple Eight Race Engineering to KarelCAD**

As one of the leading design engineers in V8 Racing, Simon Holt gave Triple Eight Race Engineering a real winning edge and a huge push into great design using the best solutions. Over the past years Simon Holt took the Triple Eight Race Engineering team that includes the Vodafone team drivers Craig Lowndes and Jamie Whincup to constructors and driver championships with the Australian V8s and most importantly victory at Bathurst, arguably the toughest test of machinery in racing today.

Simons design engineering experience and design knowledge was seen by the KarelCAD team to be an important factor in Simon joining the company and giving our clients access to a design engineer of such a high calibre.

KarelCAD, Australian Autodesk Premier Solutions Provider has seen the need for client to have access industry experience and has sourced a dedicated team of top level industry specific design professionals to work with clients and give them a better return from their existing designers and design solutions.

Simon Holt, previously Design Engineer for Triple Eight Race Engineering for has joined KarelCAD as a manufacturing and digital prototyping specialist and is looking forward to working with design teams and giving them the ability to work smarter with the tools they are already using.

Simon's experience within the industry started with British Aerospace Military Aircraft Design working on the Eurofighter, then moving to Reynard Racing Cars as a composite designer working on the Dodge Viper Le Mans Car and Range Rover active suspension project.

After getting a taste for motor racing Simon accepted an offer from Williams Formula 1 as composites design engineer, responsible for the detailing of the composites lay-up definition and machining details for the F1 chassis from 1996 until 2000 contributing to the Constructors and drivers championship in 1997. Simon then moved to Switzerland in late 2000 to work for Sauber Formula 1 as assistant head of composite design.

Simon moved to Melbourne in 2004 as Chief Designer for Ford Performance Racing and after a brief project with Aerostructures Melbourne (Creation of Australian C130 NDT Database) and Autoliv (Falcon FG curtain airbag systems) he accepted the position of Chief Engineer for Triple Eight Race Engineering, the team behind the highly successful Team Vodafone including drivers Craig Lowndes and Jamie Whincup.

As the Chief Designer for Triple Eight Race Engineering, Simon redesigned the chassis ready for Bathurst 2007 which won on debut. Winning the constructors and drivers championship in 2008, Simon was responsible for overall layout and maintenance of race car design as well as developing and integrating Autodesk software to improve workflow and design standards.

Simon was also responsible for the Falcon FG chassis design used by Triple Eight, Paul Cruickshank Racing and Dick Johnson Racing and recently completed the chassis design for the Holden VE ready for 2010 season.

Simon believes to get the best result using Autodesk simulation and analysis software in engineering is ensuring that not only are you using the best software but making sure that the design team is using the best workflow and design practices.

For the best possible outcome you have to be prepared to invest in the best available solutions and also invest in the training and implementations to get your design team working at full speed from the start. The cost savings in the long run make it well worthwhile, not to mention the results!

Simon believes that the continued future success of engineering and manufacturing design is based on using the right technology, and ensuring that your design team is constantly sourcing ways to analyse the performance of individual components and through this constant analysis design the best components for each possible outcome.

Simon will be available to work with clients on improving their design systems and integrations from October 2009 and will be able to help your design team move forward using your existing design solutions and designers

To learn more about KarelCAD Integration and Autodesk Design Solutions please contact KarelCAD 1800223562 or visit [www.karelcad.com.au](http://www.karelcad.com.au)