



Byte Case Study VicTrack

VicTrack

01. Challenge

02. Solution

03. Results

<p>Migrate multiple copies of a stand-alone, in-house PC based legacy application to a modern centralised Web application.</p>	<p>Gain an understanding of the legacy application and how it is used in the different ways across both Australia and New Zealand..</p>	<p>A fully functional Web application capable of maintaining more than 28,000 Road and Pedestrian Railway Crossings throughout Australia and New Zealand.</p>
<p>Merge Railway Level Crossing data from all of Australia and New Zealand into one central system.</p>	<p>Multiple Microsoft Access databases were merged into one single SQL Server application.</p>	<p>A centralised database allows for improved redundancy and maintainability.</p>
<p>Build a Level Crossing Risk Model based on many different complex sources and levels of detail.</p>	<p>Each source was understood, debugged, standardised and reformatted.</p>	<p>A clean, standard, flexible and data-driven schema has been created allowing for easier maintainability of the Risk Model moving forward.</p>
<p>Understand and implement a complex Risk Model in a future proof way.</p>	<p>A Risk Model editor was created to allow versioning of future Risk Models.</p>	<p>The Road Crossing Risk Model has been altered successfully multiple times since the system has gone live.</p>