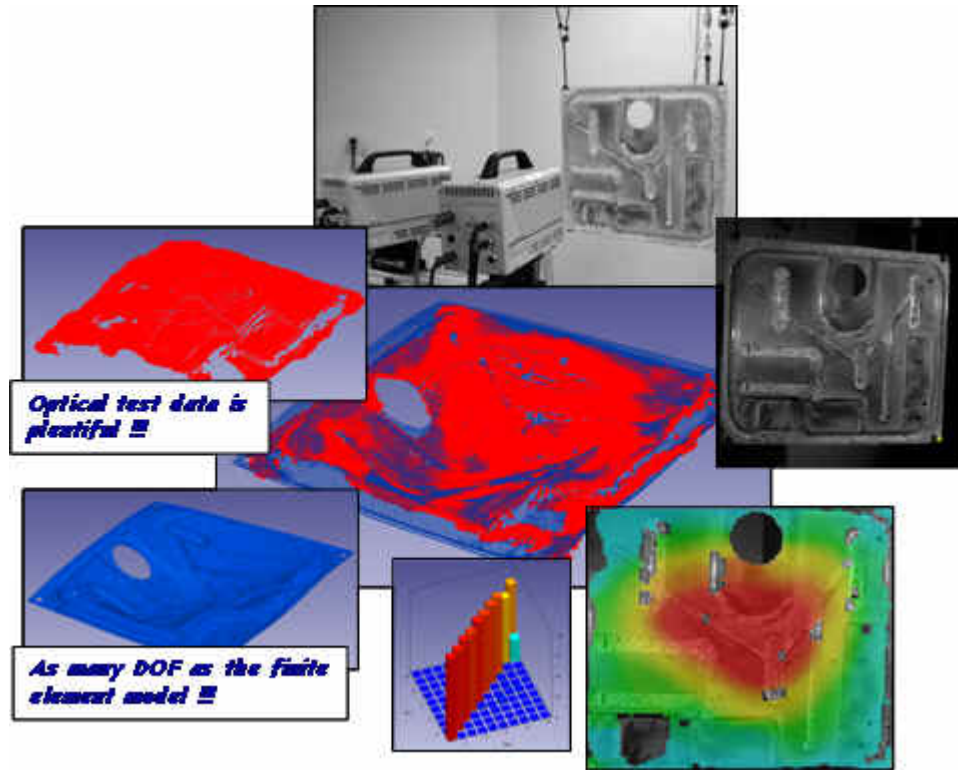


Digital Image Correlation



Digital image correlation has been mainly used for static applications. In the current research, DIC is used to identify structural dynamic characteristics. Normal mode testing is employed to obtain characteristic mode shapes for comparison to the finite element model. The DIC provides tremendous resolution which has been the stumbling block for most traditional approaches employed.