



Prof. Paul Needham PhD CEng FIET
BAE Systems Global Engineering Fellow

Head of Engineering Value Stream & Capability - Air & Space
Product

Paul has over 30 year's international experience in Aerospace Design and Manufacture Engineering at BAE Systems. He has a distinguished engineering record, making a substantial contribution to the F-35 Lightning II programme in the UK & USA through the application of both practical and analytical engineering knowledge. Paul has worked in both the UK and in the United States in his role as Head of Engineering at BAE Systems.

He is a Chartered Engineer, Global Engineering Fellow of BAE Systems; a Fellow of the IET and in 2008 was awarded a PhD in Aerospace Design for Manufacture, which achieved an IET Innovation Award. He has been awarded the title of Visiting Professor within the School of Computing and Engineering at the University of Huddersfield where he chairs the industrial advisory board and is also on the IET Board of Trustees.

He has a number of publications in the field of Design for Manufacture and is also a member of industrial and academia committees identifying key engineering capabilities. Paul has a unique experience in both industrial and academic fields, has established strong links in with both academia and industry and delivers lectures at leading Universities and conferences in his field of expertise. He mentors many engineers in their career and supports their journey to becoming professionally registered, both within BAE Systems and in his role as a professional registration advisor with the IET.