



Case Study: Product Development Gas Turbine Servicing Robot



A global leader in the power equipment industry required the development of an on-site turbine blade inspection and servicing system. Teaming with PEKO, a field deployable servo motion robotic system equipped with closed circuit TV inspection was developed. The system allowed a qualified technician to inspect and remove imperfections from particulate matter, in the blade surface, reducing stress concentrations that may yield catastrophic blade failure. With this service available in the field, turbine shutdowns were drastically reduced allowing further market penetration for service contracts.

