1. 1994-1996: Lantau Fixed Crossing - Vibration monitoring of the bridge towers;
2. 1996-1997: Lantau Fixed Crossing - Vibration measurement of suspended deck units of the Tsing Ma Bridge and vibration measurement on Tsing Ma Bridge after completion of deck welding connections;
3. 1997-2000: Lantau Fixed Crossing and Ting Kau Bridge Wind and Structural Health Monitoring Masterplan Task 7.12 - Investigate the feasibility of using changes in measured dynamic characteristics as a basis for detecting structural damage in Tsing Ma, Kap Shui Mum and Ting Kau Bridges;
4. 2000-2002: Field vibration measurement and cable vibration control using smart magneto-rheological (MR) dampers for the cable-stayed Dongting Lake Bridge;
5. 2002-2005: Development of a PXI/SCXI-based data acquisition system for structural health monitoring of the 4th Qianjiang Bridge (a double-arch bridge with an overall length of 1,376 m);
6. 2003-2004: Consultation at tendering stage for Wind and Structural Health Monitoring System of the Stonecutters Bridge (a cable-stayed bridge with a main span of 1,018 m);
7. 2003-2008: Design of a long-term structural health monitoring system for the world's longest cable-stayed bridge – the Sutong Bridge with a main span of 1,088 m;
8. 2004-2009: Upgrade of the long-term structural health monitoring system for the suspension Jiangyin Bridge with a main span of 1,385 m;
9. 2007-2012: Development of a long-term structural health monitoring system for the Canton Tower with a total height of 600 m;
10. 2008-2008: Independent structural appraisal of a cable-stayed bridge in Vietnam under in-service condition;
11. 2008-2009: Monitoring data processing and structural modelling of Lai Chi Kok Viaduct – Route 8 in Hong Kong;
12. 2009-2012: Development of a data acquisition and remote monitoring/control system for hybrid vibration control of the Canton Tower with a total height of 610 m;
13. 2009-2012: Supervision of the development of a long-term structural health monitoring and bridge management system for the Qingdao Bay Bridge with a total length of 41,580 m;
14. 2010-2012: Development of a high-tech demo system integrating structural health monitoring, vibration control, wind and solar power generation technologies for the Canton Tower;
15. 2010-2012: Non-destructive monitoring system for the hanging gears of exhibit "TA-14 The DE-3" (DC-3 Plane) at the Hong Kong

Science Museum;

16. 2009-2013: Development of a long-term structural health monitoring system for the New Headquarters of Shenzhen Stock Exchange with a height of 228 m (45 stories);
17. 2010-2013: Development of a multi-level active ship-collision protection and monitoring system for the 2nd Jiaojiang (cable-stayed) Bridge with a main span of 480 m;
18. 2011-2013: Supervision of the development of a long-term structural health monitoring system for the Xiangshan Harbor (cable-stayed) Bridge with a main span of 688 m;
19. 2012-2013: Structural health monitoring of hanging gears at Exhibit "TA-14 The DE-3" (DC-3 Plane) of Hong Kong Science Museum;
20. 2011-2014: Development of a structural health monitoring system for the Guangzhou Fortune Center Building with a height of 309 m (72 stories);
21. 2013-2014: Structural health monitoring of hanging gears for the DE-3 aircraft on display at the Hong Kong Science Museum;
22. 2013-2015: Implementation of sensory systems to the Link Road of Hong Kong-Zhuhai-Macau Bridge (consisting of 19 sea-crossing viaduct bridges);
23. 2015-2016: Independent checking of design of Saab vessel height detection system for Tsing Ma Bridge;
24. 2016-2017: Provision of the structural assessment of "The Flying Frenchman" at the Hong Kong Cultural Centre (Co-I);
25. 2016-2017: MTR C803 detailed design of XRL tunnels and associated structures (north) - tunnel seismic design review study;
26. 2018-2019: Independent checking on Vessel Height Detection (VHD) System;
27. 2019-2022: Maintenance service for the structural health monitoring system of Canton Tower;
28. 2019-2023: Development of structural health monitoring system for Macau Flyover.