







建造業創新及科技基金安全相關預先批核科技
Construction Innovation and Technology Fund Safety-related Pre-approved Technologies

項目編號 Item No.	編號 Code	科技類型 Type of Technology	銷售渠道 Distribution Channel	產品名稱及描述 Product Name and Description	參考圖片 Reference Photo
1	PA18-006	先進工具及設備 Advanced Tools and Equipment	信興系統有限公司 Shun Hing Systems Tel: 2439 8393	機械衣 <ul style="list-style-type: none"> 機械衣為可配戴機械裝置，可以在穿戴者提舉重物時舒緩腰部負擔。 當穿戴者提舉重物時，移動感應器能協助穿戴者減輕負重力，改善安全。 Powered Wear MODEL-Y <ul style="list-style-type: none"> A wearable device which alleviates burden to wearer's waist when lifting heavy objects. Controlled by motion sensors Helps reduce strain and improves wearer's safety 	
2	PA18-033	數碼化 Digitalisation	緯衡科技有限公司 VHSoft Technologies Co. Ltd Tel: 2836 0099	VHSmart (只有英文名稱) <ul style="list-style-type: none"> VHSmart 雲端建築管理系統，配合人工智能雲端平台及先進流動技術，提供一站式管理平台。 能更有效進行進出入管制記錄，施工安全管理，建築品質管理，工地資產管理，物料及倉庫管理等日常工作。 VHsmart <ul style="list-style-type: none"> VHsmart is a cloud base field management platform. With the engagement of Cloud Platform and Advance Mobile Technology. Provides an integrated construction life cycle solution which facilitate end-user from access control, field safety management, progress monitoring, quality control, asset management, material tracking & inventory in every stage. 	
3	PA18-034	數碼化 Digitalisation	建築資訊科技顧問有限公司 Build I.T. Ltd. Tel: 2752 7508	Digital Record of Works (dROW) (只有英文名稱) <ul style="list-style-type: none"> 建築工程信息記錄系統。 具有簡單易用的介面和平坦的學習曲線。 兼容各種現場記錄當中包括文件、合同、圖紙、設計管理系統、安全、質量、測試記錄註冊表等。 Digital Record of Works (dROW) <ul style="list-style-type: none"> A site record information system. Featuring a user-friendly, versatile interface and a flat learning curve. System for construction projects with its compatibility with a wide variety of site records, which includes Document, NEC Contract, Drawing, Design Management Systems, Safety, QMS, 	
4	PA18-035	數碼化 Digitalisation	群鉅科技有限公司 Spatial Technology Ltd Tel: 2636 6102	Novade (只有英文名稱) <ul style="list-style-type: none"> 提供一站式工程管理服務。 以電腦、平板、手機等裝置管理質量安全、物流維修、人力資源等。主要功能包括：表格及清單標註圖紙；數碼簽署；地圖；QR CODES/NFC 標籤；圖表標示等。 Novade <ul style="list-style-type: none"> A full range of solutions for your project. Quality, Safety, Logistics, Maintenance, Workforce & Activity. The Mobileready Platform Includes Key Functionalities: - Forms & Checklists - Drawing Mark-ups - Digital Signatures - Map Locations - QR Codes & NFC Tags - Picture Annotations. 	



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5	PA19-001	自動化及機械化 Automation and Robotics	SquareDog Robotics Limited Tel: 9225 9449	<p>自適應焊接機械人</p> <ul style="list-style-type: none"> · 自動焊接機械人能配合軟件，自動產生各種複雜的三維焊接路徑。 · 機械人能以快至 2 分鐘完成設定開始工作。 · 機械人所產生的焊接質素穩定，從而提高建造質素並可取代焊接工。 · 此六軸機械人輕便(11-28kg)、操作範圍廣(0.5-1.3m)，能於建築工地流動使用。 <p>Adaptive Robotic Welder</p> <ul style="list-style-type: none"> · The welding robotic control software could auto generate the weldpath, perform 3D welding weave, complex, non-straight welding path. · It can set up the robot task within 2 minutes. · The robot can provide standard welding quality to improve the productivity by replacing experienced welder on site. · The weight of six-axis robot arm is light (11-28kg) with (0.5-1.3m) reach radius provide flexible mobility requirement for construction industry. 	
6	PA19-024	數碼化 Digitalisation	SnagR Ltd. Tel: 6055 4002	<p>SnagR (只有英文名稱)</p> <ul style="list-style-type: none"> · 此產品是一套以監測複雜的項目進展為中心的系統。 · 能有效記錄工地資料、自動化報告、將工程進度形象化及進行數據分析。 <p>SnagR</p> <ul style="list-style-type: none"> · SnagR is a cloud-based quality management system. · Designed to monitor the progress of complex projects. The system can capture onsite data, automate reporting, visualise the process and analyse data. 	
7	PA19-025	數碼化 Digitalisation	喜利得(香港)有限公司 Hilti (Hong Kong) Limited Tel: 8228 8118	<p>ON! Track (只有英文名稱)</p> <ul style="list-style-type: none"> · 專為建造業而設的數碼化資產管理解決方案，有關資產資料透過網站和手機應用程式存取在雲端上。 · 用戶可以在資產上附加耐用的二維條碼/二維碼作識別用途。 · 通過掃描來查閱資料，資料包括圖片、文件、位置、採購資訊、保養到期日及預定服務。 <p>ON! Track</p> <ul style="list-style-type: none"> · ON! Track is a digitalised asset management solution designed for construction industry. It uses cloud-based server for information storage and can be retrieved or updated with two interfaces which are web portal and mobile app. · User can attach a robust 2-D barcode /QR code on the asset for unique identification purpose · The information can be retrieved by scanning. Asset information include picture, documents, location, purchase information, warranty expiration date and scheduled services. 	

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8	PA19-026	先進工具及設備 Advanced Tools and Equipment	Mak Kee International HK Tel: 2396 4107	<p>鋼絲繩無損檢測儀</p> <ul style="list-style-type: none"> 這是一部便於攜帶且智能化的鋼絲繩檢測儀器。 不論是明顯或肉眼難以察覺的缺陷。 它也能透過監察磁場內的漏磁狀況來診斷鋼絲繩的損耗，而且適用於所有鋼絲相關的應用。 <p>Non-Destructive Testing Device for Steel Wire Rope</p> <ul style="list-style-type: none"> Non-Destructive Testing is a portable device for steel wire rope inspection. It uses magnetic flux leakage examination method to detect and diagnose the deterioration of steel wire rope, including both obvious defects and imperceptible changes. It is suitable for all kinds of wire rope applications. 	
9	PA19-029	先進工具及設備 Advanced Tools and Equipment	喜利得(香港)有限公司 Hilti (Hong Kong) Limited Tel: 8228 8118	<p>DST 20-CA 牆鋸</p> <ul style="list-style-type: none"> 可自動進行切割工序。 用家可透過無線遙控在遠離施工位置操作牆鋸。 遙控器的屏幕即時顯示切割深度，從而改善安全。 用家只需輸入簡單參數。 牆鋸可提升切割的效能及精準度。 <p>DST 20-CA Wall Saw</p> <ul style="list-style-type: none"> Automates the cutting process. Supports remote-controlled operation at distances away from the work area. Cutting depth displayed on remote controller screen helps improve safety. Requires simple setting of job parameters. Improves cutting efficiency and accuracy in the cutting process. 	
10	PA19-034	數碼化 Digitalisation	致圖有限公司 Digital G Limited Tel: 9202 5335	<p>Inspecto (只有英文名稱)</p> <ul style="list-style-type: none"> 此產品是承建商、顧問公司及客戶用作工地檢測的電子解決方案。 它是一個流動電話應用程式，能夠進行檢查及測量申請表格內所有工序，包括檢查及測量申請狀態監測、現場檢測、結果認可等。 <p>Inspecto</p> <ul style="list-style-type: none"> Inspecto is a digital solution for site inspection process among contractors, consultants and clients. It is a mobile App which enables the performing of all Request for Inspection and Survey Checklist process tasks including RISC status monitoring, on-spot inspection, result 	

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11	PA19-035	自動化及機械化 Automation and Robotics	O-matic Intelligent Robot Limited Tel: 3705 2998	<p>噴水機械人</p> <ul style="list-style-type: none"> 噴水機械人適用於室內測漏。 工人只需按照場地實際情況設定測漏軌跡，機械人便會按照預設軌跡進行室內測漏工作。 用戶可從機械人內置的鏡頭監測及記錄整個水壓檢測過程。 用戶同時可透過4G路由器實時監測多部機械人測漏過程。 <p>Water Spraying Robot</p> <ul style="list-style-type: none"> The robot is designed for water spraying test suitable for indoor leak test. Workers only need to set the test trajectory according to the requirement of the site. The robot can spray water according to the set trajectory. By using the built-in HD camera, user can monitor and record the entire water test process. User can also realtime monitor multiple robots through internal 4G router. 	
12	PA19-036	自動化及機械化 Automation and Robotics	O-matic Intelligent Robot Limited Tel: 3705 2998	<p>鑽孔機械人</p> <ul style="list-style-type: none"> 鑽孔機械人是一款配備油壓鑽和六軸協作式的機械人。 可在建築工地進行各種不同高精度度及高效率的鑽孔工作。 <p>Drillbot</p> <ul style="list-style-type: none"> This is a 6-axis collaborative robot with a drilling tool. It will move the drilling tool to drill holes on desired spots with high accuracy and efficiency. 	

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13	PA19-037	自動化及機械化 Automation and Robotics	O-matic Intelligent Robot Limited Tel: 3705 2998	流動焊接機械人 <ul style="list-style-type: none"> 流動焊接機械人配備流動機械人平台(包括六軸協作式機械人)·焊接和冷水機的機械人。 可於工地按照預設之軌跡進行各種不同的焊接工作。 Mobile Welding Robot <ul style="list-style-type: none"> Mobile welding robot is a robot equipped with a mobile robot platform (include a 6-axis collaborative robot), welder and water cooler. It can maneuver on construction site to handle welding jobs according to the programmed trajectory accurately. 	
14	PA19-039	先進工具及設備 Advanced Tools and Equipment	現代(國際)棚架設備有限公司 Modern (Int'l) Access & Scaffolding Ltd Tel: 2745 6011	電動鉸剪升降台 <p>型號: ALMAC BIBI 1090-BL ELC</p> <ul style="list-style-type: none"> 可以在斜坡或崎嶇地形行走及工作·可大量減少使用傳統棚架工作台因移動位置而需要搭拆的時間。 可在15度的斜坡或崎嶇地形為工人提供安全的工作環境。 Electric Scissor Lift <p>Model: ALMAC BIBI 1090-BL ELC</p> <ul style="list-style-type: none"> Can be driven and working on slope or uneven and rough terrain, saving much time for erection and dismantling of traditional scaffold work platform on inclined surface zone-by- Provides a safe condition for workers even in slopes up to 15 degrees or uneven terrain. 	
15	PA19-040	先進工具及設備 Advanced Tools and Equipment	現代(國際)棚架設備有限公司 Modern (Int'l) Access & Scaffolding Ltd Tel: 2745 6011	柴油鉸剪升降台 <p>型號: ALMAC BIBI 1090-BL EVO</p> <ul style="list-style-type: none"> 可以在斜坡或崎嶇地形行走及工作·可大量減少使用傳統棚架工作台因移動位置而需要搭拆的時間。 可在15度的斜坡或崎嶇地形為工人提供安全的工作環境。 Diesel Scissor Lift <p>Model: ALMAC BIBI 1090-BL EVO</p> <ul style="list-style-type: none"> Can be driven and working on slope or uneven and rough terrain, saving much time for erection and dismantling of traditional scaffold work platform on inclined surface zone-by- Provides a safe condition for workers even in slopes up to 15 degrees or uneven terrain. 	

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16	PA19-041	先進工具及設備 Advanced Tools and Equipment	現代(國際)棚架設備有限公司 Modern (Int'l) Access & Scaffolding Ltd Tel: 2745 6011	<p>柴油 / 電動伸縮臂升降台</p> <p>型號: ALMAC JIBBI 1250 EVO, 1250 ELC, 1670 EVO, 1670 LTH</p> <ul style="list-style-type: none"> · 提供更大的覆蓋範圍予工人到達一般難以靠垂直升降抵達的工作地點。 · 可以在斜坡或崎嶇地形行走及工作，可大量減少使用傳統棚架工作台因移動位置而需要搭拆的時間。 · 可在15度的斜坡或崎嶇地形為工人提供安全的工作環境。 <p>Diesel / Electric Boom Lift</p> <p>Model: ALMAC JIBBI 1250 EVO, 1250 ELC, 1670 EVO, 1670 LTH</p> <ul style="list-style-type: none"> · Provides a wider coverage than scissor platforms to enable workers to reach working areas with access difficulties. · Can be driven and working on slope or uneven and rough terrain, saving much time for erection and dismantling of traditional scaffold work platform on inclined surface zone by · Provides a safe condition for worker even in slopes up to 15 degrees or uneven terrain. 	
17	PA19-042	數碼化 Digitalisation	俾詠技術拓展有限公司 Chain Technology Development Co., Ltd. Tel: 3746 3788	<p>CHAIN Hybrid Reality Platform (只有英文名稱)</p> <ul style="list-style-type: none"> · 本產品是一個統一在雲端管理三維模型的平台。 · 結合建築信息模擬、實境網絡、點雲及其它三維格式等。 · 平台除了提供三維形象予用戶外，亦提供控制三維模型及優化空間資訊功能，如將二維檔案管理融入三維模型、四維進度管理及模擬、資產管理、設施管理等。 <p>CHAIN Hybrid Reality Platform</p> <ul style="list-style-type: none"> · Hybrid Reality Platform (HRP) is a unified cloud management platform. · Used for managing 3D models such as BIM, Reality Meshes, Point Clouds and other 3D formats altogether in a single web platform. · Apart from providing 3D visualisation to users, the platform also provides functions for manipulating 3D model and optimizing the spatial information such as integrating 2D file management with 3D models, 4D progress management and simulation, asset management, facility management. <p>圖例 Legend: 14</p>	
18	PA20-006	先進工具及設備 Advanced Tools and Equipment	百聯有限公司 Plant & Company Limited Tel: 2736 0223	<p>FASSI 隨車吊機</p> <p>型號: F820RA.2.28 xhe-dynamic, F1150RA.2.28 xhe-dynamic</p> <ul style="list-style-type: none"> · 符合現時歐盟國家標準EN1299的隨車貨車吊機，內置全自動運作模式的力距安全限制器(Safe Load Indicator)。 · 系統可持續監測及在不同支撐腿伸展或起重情況下實時指示安全工作負荷。 · 當遇到超載或不安全的操作狀態時，吊機能夠提出安全警示，並會停止操作直至縮減跨度或返回安全操作狀態。 <p>FASSI Hydraulic Truck Crane</p> <p>Model: F820RA.2.28 xhe-dynamic, F1150RA.2.28 xhe-dynamic</p> <ul style="list-style-type: none"> · Complies with EN 12999 standard and equipped with a built-in with full-time enabled safe load indicator. · Continuously monitors and indicates Safe Working Load at different outrigger extensions or load lifting conditions on a real-time basis. · Gives safety alert and stops the crane when overload occurs until it returns to the safe position. 	


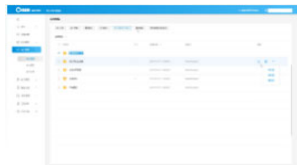
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19	PA20-011	自動化及機械化 Automation and Robotics	Link Global Hong Kong Limited Tel: 6622 1043	<p>混凝土攪拌機自動清洗機</p> <ul style="list-style-type: none"> · 相對傳統人手清洗混凝土攪拌機，此機器使用自動機械臂提供獨特的技術清洗混凝土攪拌機內的殘積混凝土。 · 清洗期間混凝土車可關閉引擎，在靜止的狀態下使用此機器的自動旋轉噴嘴進行清洗。 <p>DrumBlaster Build Up Control Technology (BCT)</p> <ul style="list-style-type: none"> · This machine provides unique technology for cleaning concrete residual in concrete containing truck by automatic robotic arm to replace conventional manual labour cleaning · This product enables washing of residual fresh concrete with a self-rotating water jet nozzle while the engine could be switched off and the drum is not rotating. 	
20	PA20-018	自動化及機械化 Advanced Tools and Equipment	Robinson Equipment Limited Tel: 2543 7008	<p>K. Schulten玻璃吸盤機械人</p> <p>型號: KS180, KS280, KS350, KS400, KS600, KS800, KS1000, KS1400, KS Robotlift 250/7</p> <ul style="list-style-type: none"> · K.Schulten玻璃吸盤機械人可於幕牆、店面玻璃及特別形狀門面安裝玻璃。 · 傳統單軌安裝方法需要在大廈外進行，或以手提工具用人手提起、使用鏈式吊索及貨車起重機，此等影響戶外運作及建造流程。 · 玻璃吸盤機械人的多角度玻璃機械操作、吸盤及遙控功能減少玻璃安裝時間、人力及可在室內和多角度提起與安裝玻璃。 <p>K. Schulten Glass Robot</p> <p>Model nos.: KS180, KS280, KS350, KS400, KS600, KS800, KS1000, KS1400, KS Robotlift 250/7</p> <ul style="list-style-type: none"> · K. Schulten Glass Robot is applicable to curtain wall, shop-front glass panel and special shape façade installation. · The traditional mono-rail method requires working from outside of the buildings or manual-lifting with hand tools, chain block and lorry crane which affects the outdoor operation and · With multi-angle glass manipulator, suction cups and remote-control function, glass robot can shorten the pane installation time, involve less manpower and enable indoor and multi-angle pane lifting and installation. 	
21	PA20-021	數碼化 Digitalisation	Varadise Limited Tel: 2312 6880	<p>Varadise Twin (只有英文名稱)</p> <ul style="list-style-type: none"> · Varadise Twin是一個數位孿生平台的數碼工程管理中心。 · 所有施工進度及數據會連接建築信息模擬以便監測和協作。 · 透過內置建築信息模擬分析引擎，當有施工或生產進度延誤時，工程師便會收到通知。 <p>Varadise Twin</p> <ul style="list-style-type: none"> · Varadise Twin is a Digital Twin platform that serves as Digital Construction Management Hub. · All construction progress and data will link with BIM for monitoring and collaboration. · With built-in BIM analytic engine, engineers will receive notifications if progress is delayed or manufacturing progress is behind. <p>圖例 Legend: 14</p>	
22	PA20-024	數碼化 Digitalisation	Cerebro Strategy Limited Tel: 2272 3670	<p>Simple (只有英文名稱)</p> <ul style="list-style-type: none"> · Simple 是一個簡單、可持續的創新工地管理程式。 · 它將三類工地的管理工作數碼化，包括工地日常工作記錄、工地檢查記錄(檢查及測量申請表格)及工地安全管理記錄。 <p>Simple</p> <ul style="list-style-type: none"> · Simple is an innovative app making site management simple and sustainable. · It digitalises three major aspects of site management including site diary, site inspection checklist (Request for Inspection / Survey Check Form) and site safety management 	

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23	PA20-026	先進工具及設備 Advanced Tools and Equipment	理大科技及顧問有限公司 PolyU Technology & Consultancy Company Limited Tel: 3400 2711	BIAVE – 仿生物抗振外骨架裝置 <ul style="list-style-type: none"> 為工人使用手提電炮而設，以防患上手臂職業病的裝置。 一個被動式、非線性剛度和減震的系統，可以在不影響效率或增加操作複雜性的情況下，大幅減低由手提工具對工人手臂引致的震動。 BIAVE – Bio-Inspired Anti-Vibration Exoskeleton <ul style="list-style-type: none"> Designed for workers using handheld breakers to prevent hand-arm occupational diseases. A passive, non-linear stiffness and damping system which can significantly suppress the vibration transmissibility from vibrating tools to operators without affecting efficiency nor increasing handling complexity. 	
24	PA20-027	先進工具及設備 Advanced Tools and Equipment	Ming Tai Construction Engineering Company Limited Tel: 2866 4878	明泰建築鋁台模系統 <ul style="list-style-type: none"> 此產品是鋁台模系統包括模板、工作台及支撐結構。 它容易組裝，而且建築鋁台模的組件可於標準樓層或石屎構件的工地重複使用，無需重新組合，促進生產力。 Ming Tai Smart Formwork Aluminum Tableform System <ul style="list-style-type: none"> The product is a system formwork which is a combination of formwork, safe working platform and propping. It could be easily assembled and the assembled module of formwork could be repeatedly used in typical floors or standard concrete elements on site without the need to erect again to enhance productivity. 	
25	PA20-049	數碼化 Digitalisation	Epic Comm Company Limited Tel: 2320 8160	審批工作申請流程管理系統 <ul style="list-style-type: none"> 支援三層認證，用戶可使用流動應用程式提交申請表格及拍照，由主管或管理層審批。 所有申請表格均載有詳細資料，包括時間、用戶、狀態、審批情況、結果備註、負責用戶及審批流程。 Jobs Approve Application Flow Management System <ul style="list-style-type: none"> The system have three levels of authentication. The user may use the mobile app to submit application form with photo, the supervisor or management grade to approve. All application forms have the detailed information such as time stamp, user, status, result remarks, user in charge with detail flow information. 	
26	PA20-051	先進工具及設備 Advanced Tools and Equipment	喜利得(香港)有限公司 Hilti (Hong Kong) Limited Tel: 8228 8118	喜利得電鑿TE 3000-AVR <ul style="list-style-type: none"> 一款混凝土拆卸電鑿。 配備減少震盪技術，拆卸大型混凝土時可節省工人體力勞動及提升生產力。 Hilti Breaker TE 3000-AVR <ul style="list-style-type: none"> A breaker for concrete demolition. Equipped with Active Vibration Reduction technology which reduces worker's effort and increase productivity in heavy demolition. 	

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27	PA20-052	先進工具及設備 Advanced Tools and Equipment	厚信環保建材有限公司 Houston Environmental Materials Co. Limited Tel: 2554 1005	<p>納米塗層隔熱反光衣</p> <ul style="list-style-type: none"> 由納米金屬塗層聚脂網紗製成。 透過反射陽光，反光衣可減低工人在陽光直接照射下的體溫上升。 網紗設計便利通風。 <p>Heat Shielding Reflective Vest with Nano Coating Technology</p> <ul style="list-style-type: none"> Made with the nano-metal coated polyster net. Helps reduce wearer's body temperature rise under direct sunlight exposure by reflecting the sunlight. Netting design allows for proper ventilation. 	
28	PA20-063	先進工具及設備 Advanced Tools and Equipment	天祥工業設備有限公司 Sky Well Industrial Equipment Company Limited Tel: 3990 6999	<p>高龍牌裝車起重機 240000AX E系列</p> <ul style="list-style-type: none"> 備有Control system level 6 (2016)的隨車式起重機。 系統可顯示負載重量的計算值及所有工作的參數。 起重機可承受能力會因應旋轉角度、延伸臂的位置及平衡等因素持續更新。 <p>Cormach Truck Mounted Crane 240000AX E series</p> <ul style="list-style-type: none"> A truck mounted crane equipped with Control system level 6 (2016). Capable of showing on display calculated value of lifted load and all key working parameters. Crane's permitted lifting capacity is continuously determined according to the rotation angle, the outriggers positions and the action of the counterweight. 	
29	PA20-072	數碼化 Digitalisation	香港互聯立方有限公司 isBIM Limited Tel: 2382 8380	<p>AlphaBIM項目管控平台</p> <ul style="list-style-type: none"> AlphaBIM是一個工程項目管控平台。 提供一站式平台，用以記錄、追蹤、統計、分析、形象化和共享與施工進度、工作流程管理、成本管理，以及工地安全和質量相關的問 <p>AlphaBIM Project Management and Control Platform</p> <ul style="list-style-type: none"> AlphaBIM is a project management and control platform Provides a centralized platform for recording, tracking, statistical analysis, visualization, sharing and documentation of issues relating to construction progress and workflow management, cost management, and safety and quality problems found on site. 	


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30	PA20-078	數碼化 Digitalisation	用友軟件(香港)有限公司 Yonyou (Hong Kong) Co. Ltd Tel: 3907 3052	<p>建築資源計劃管理軟件</p> <ul style="list-style-type: none"> 此產品是一個工程項目管理平台。 主要功能包括：表格數碼化、實時呈交審批表格、審批流程管理、項目進度追蹤、數據形象化等。 能縮短審批的處理時間，達致有效的協作，及降低項目風險。 系統內包括安全管理、事故管理、工程指令、環保管理、工程檢查、材料管理、設備管理等模組，以及資料索取申請流程。 <p>Construction Resource Planning</p> <ul style="list-style-type: none"> This product is a project management platform major functions of form digitization, instant issuance and approval of forms, approval flow management, task tracking and data visualization Able to facilitate effective collaboration. It includes various modules such as safety, environmental, site and asset management and RFI. 	
31	PA20-088	數碼化 Digitalisation	創域科技環球有限公司 Innovative Associate Tel: 2466 9566	<p>Innoshare - Digital Works Supervision System (DWSS) (只有英文名稱)</p> <ul style="list-style-type: none"> Innoshare – DWSS 是一個可在網頁及手機上操作安全工地管理平台。 能將工地檢查記錄(檢查及測量申請表格)、工地日常工作記錄，及工地安全管理記錄的管理工作數碼化。 <p>Innoshare - Digital Works Supervision System (DWSS)</p> <ul style="list-style-type: none"> Innoshare – DWSS provides a secured platform with mobile app and web portal. Supports the entire process of site activities, including (i) Electronic Request for Inspection System (E-RISC), (ii) Electronic Site Diary & Labour Return Record System (E-Diary), and (iii) Electronic Safety & Environmental Checklist System. 	
32	PA20-107	先進工具及設備 Advanced Tools and Equipment	Elebia Autohooks S.L.U. Website: https://elebia.com/	<p>Elebia Evo 自動吊鉤</p> <p>型號: Evo2, Evo5, Evo10, Evo10 Compact, Evo20, Evo25</p> <ul style="list-style-type: none"> 吊鉤可遙控關閉，或通過傳感器動關閉。 配備負載傳感器，顯示吊鉤的荷重、位置及負載水平對齊狀況。 可通過 eMax遙控器收集吊鉤的數據，進行數據分析或建築信息模擬。 <p>Elebia Evo Automatic Hook</p> <p>Model: Evo2, Evo5, Evo10, Evo10 Compact, Evo20, Evo25</p> <ul style="list-style-type: none"> The hook can be closed by remote control, or self-closed as assessed by the sensor. Equipped with a load sensor indicating the lifting load, its position and the load horizontal alignment. The "eMax" remote control gathering the information of the hook for data analysis or BIM modelling. 	



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33	PA20-109	先進工具及設備 Advanced Tools and Equipment	利勃海爾(香港)有限公司 Liebherr (HKG) Limited Tel: 3142 3142	<p>利勃海爾移動式起重機</p> <p>型號: LTM1060-3.1, LTM1230-5.1, LTF1060-4.1, LTM 1120-4.1, LTM 1150-5.3</p> <ul style="list-style-type: none"> · 配備了“Vario Base”專利AI技術的移動式起重機。 · 起重機可以實時監測並顯示起重機在不同支撐腿伸展或起重條件下的安全工作負荷。 · 起重機會在超載時發出警告並自動停止吊運，直至它返回安全操作狀態。 <p>Liebherr Mobile Crane</p> <p>Model: LTM1060-3.1, LTM1230-5.1, LTF1060-4.1, LTM 1120 4.1, LTM 1150-5.3</p> <ul style="list-style-type: none"> · A mobile crane equipped with a patented AI technology "Vario Base". · Continuously monitor and indicate the Safe Working Load at variable supporting or load lifting conditions on a real-time basis. · Further to warning alert, the cane will automatically stop when overload occurs until it returns to safe position. 	
34	PA20-113	先進工具及設備 Advanced Tools and Equipment	中陸工程有限公司 China Ascent Engineering Tel: 3173 2722	<p>Palfinger 隨車吊機</p> <p>型號: PK 37.002 TEC 7, PK 92002 SH, PK 110002 SH, PK 65002 SH</p> <ul style="list-style-type: none"> · 此液壓隨車式起重機，具有P型材，高性能穩定控制裝置 (HPSC) · HPSC-Plus LOAD功能和P-FOLD等功能。 · HPSC系統的主要優點在於它可以在不同的支撐腿伸展和起重臂伸展條件下實時地感測安全工作負荷。 <p>Palfinger Hydraulic Truck Mounted Crane</p> <p>Model PK 37.002 TEC 7, PK 92002 SH, PK 110002 SH, PK 65002 SH</p> <ul style="list-style-type: none"> · This hydraulic truck-mounted crane has features such as P-Profile, High Performance Stability Control (HPSC), HPSC- Plus LOAD function and P-FOLD. · Major merits of HPSC system enable real-time Safe Working Load detection at different stabilizer extensions and lifting boom outreach conditions. 	

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35	PA20-115	先進工具及設備 Advanced Tools and Equipment	善樂國際(香港)有限公司 Sanroc International (Hong Kong) Tel: 2881 1110	<p>Jekko 迷你吊機</p> <p>型號: SPX424 CDH, SPX424 C+</p> <ul style="list-style-type: none"> 吊運用的微型起重機 具有五個主要功能: (i) 可擴展的履帶, (ii) 數碼無線電控制, (iii) 自動穩定性控制系統, (iv) 不同的配件即插即用控制系統, (v) J Connect遠程和實時起重機監控軟件(選擇性功能)。 五個功能使起重機的移動更加精確, 吊裝操作更安全。 <p>Jekko Mini Crane</p> <p>Model: SPX424 CDH, SPX424 C+</p> <ul style="list-style-type: none"> a mini crane for lifting operation Equipped with 5 key features: (a) extendable crawler tracks, (b) digital-multi-proportional remote radio control, (c) automatic stability control, (d) plug and play system control to attach different accessories, and (e) remote and real time crane monitoring using an optional software J-Connect. 5 features enable more precise movement and safer lifting operation of the crane. 	
36	PA20-120	數碼化 Digitalisation	香港互聯立方有限公司 isBIM Limited Tel: 2382 8380	<p>Jarvis freeFORM (只有英文名稱)</p> <ul style="list-style-type: none"> 此產品是一個項目管理平台, 其核心功能包括表單之數字化和批核, 批核流程管理, 數據展視和分析以及報告生成。 支持實時和多項目管理。 用戶可以通過自定義的表格和批核工作流程中使用移動設備收集和更新數據記錄。 有50多種標準表格, 包括檢查/驗收申請 (RISC) 表格, 場地日誌, 場地清潔紀錄, 工友值勤記錄和工地安全記錄等。 通過儀表板和報告, 用戶可以密切跟蹤和監視場地和項目狀態。 <p>Jarvis freeFORM</p> <ul style="list-style-type: none"> This product is a project management platform with the core functions of form digitization and approval, approval flow management, data visualization and analysis, and report generation. Support real-time and multi-project management. Users can collect and update site data record with mobile devices through customized forms and approval workflow. This system has 50+ standard forms including Request for Inspection/Survey Check (RISC) forms, site diary, site cleanliness, labour return and site safety, etc. Through dashboard and reports, users can closely track and monitor the site and project status. 	
37	PA20-121	先進工具及設備 Advanced Tools and Equipment	大眾機械設備有限公司 Folks Machinery and Equipment Limited Tel: 2649 9282	<p>Effer 隨車吊機</p> <p>型號: 525/4S, 525/6S, 525/8S, 685/6S, 685/8S, 685/9S, 955/6S, 955/8S, 955/9S, 1255/6S, 1255/8S, 1255/9S</p> <ul style="list-style-type: none"> 配備了穩定控制系統 (Progress 2.0) , 可以實時監測並顯示起重機在不同支撐腿延伸狀態或起重條件下的安全工作負荷。 <p>Effer Truck Mounted Crane</p> <p>Model: 525/4S, 525/6S, 525/8S, 685/6S, 685/8S, 685/9S, 955/6S, 955/8S, 955/9S, 1255/6S, 1255/8S, 1255/9S</p> <ul style="list-style-type: none"> Equipped with Stability Control System (Progress 2.0), which continuously monitor and indicate the Safe Working Load at different outrigger extensions or load lifting conditions on a real- 	

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38	PA20-127	數碼化 Digitalisation	建築科技實現室有限公司 Contech Point Company Limited Tel: 3990 1990	<p>Construction Information Anywhere (CIA) (只有英文名稱)</p> <ul style="list-style-type: none"> 此產品是一款用於建築工作流程的線上數據管理平台 and 手機應用程式。 包括信息請求 (RFI) 以及圖紙和文檔提交等流程。 它標準化和集中了項目工作流程和文檔管理。 此平台可以提供某些數碼化工作監督系統 (DWSS) 的功能, 例如檢查表。 <p>Construction Information Anywhere (CIA)</p> <ul style="list-style-type: none"> This product is a web-based online data management platform and mobile APP for construction workflow Including Request for Information (RFI) and drawings and document submission etc.. It standardizes and centralizes project workflows and documentation management. This platform could provide certain functions as a Digital Work Supervision System (DWSS) such as inspection form. <p>圖例 Legend: 14</p>	
39	PA20-128	數碼化 Digitalisation	Varadise Limited Tel: 9034 3844	<p>Varadise DWSS (只有英文名稱)</p> <ul style="list-style-type: none"> Varadise DWSS 是一款可在線上及手機網頁程式操作的建築項目雲端管理系統, 旨在建設優化工作流程。 五項核心模組能夠讓工地監察人員規範審批流程, 自定文檔表格並自動執行報告。 支援4D 建築資訊模型集成, 並作為可選應用程式與Varadise Twin 物業及工程項目智慧管理雲平台同步使用。 <p>Varadise DWSS</p> <ul style="list-style-type: none"> Varadise DWSS is a cloud-based project management platform with web portal and web app, designed to optimize workflows in construction. The 5 core modules allow site supervisory staff to standardize approval workflow, customize forms and automate reporting. The system also supports 4D BIM integration and synchronize with Varadise Twin platform as an optional add- 	
40	PA20-129	先進工具及設備 Advanced Tools and Equipment	大眾機械設備有限公司 Tai Chung Hydraulic Eng. Co. Tel: 2443 5592	<p>F.lli FERRARI 隨車吊機</p> <p>型號: 990</p> <ul style="list-style-type: none"> 符合EN12999標準的貨車起重機, 包括全時啟用的安全負載指示器。 內置的穩定控制系統可針對不同的支撐腿延伸狀態, 實時檢測和顯示安全操作負荷 (SWL)。 <p>F.lli Ferrari Hydraulic Truck Mounted Crane</p> <p>Model: 990</p> <ul style="list-style-type: none"> Complies with EN 12999 standard and equipped with full-time enabled safe load indicator. Built-in Stability Control System enables real-time sensing and indication of the Safe Working Load (SWL) for different outrigger extension conditions. 	
41	PA20-132	先進工具及設備 Advanced Tools and Equipment	麥記國際香港有限公司 Mak Kee International HK Tel: 2396 4107	<p>麥士索</p> <ul style="list-style-type: none"> 最大工作負荷可達227噸的合成繩吊索。 具有3個安全功能: 1) 'Check Fast' 檢查系統; 2) 光纖檢查; 和 3) Rifled 索芯捲扎技術。 <p>Slingmax</p> <ul style="list-style-type: none"> A synthetic lifting sling with a maximum working load up to 227 tonnes. Equipped with 3 safety features: 1) 'Check Fast' Inspection System, 2) Fiber Optic Inspection, and 3) Rifled Cover 	

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42	PA20-134	先進工具及設備 Advanced Tools and Equipment	好時機械(中國)有限公司 Houston Machinery (China) Tel: 2241 9627	<p>日本制加藤越野吊機</p> <p>型號: SL700R</p> <ul style="list-style-type: none"> · 越野起重機適合在特殊的工作條件下使用，例如狹窄的工作場地或進出道路和工地條件需要更高的提升高度。 · 具有語音警報 (ACS) 的自動起重機系統是一種計算機監視系統，可以控制主吊臂、副臂或懸臂支架，以防止人為輸入錯誤。 · ACS系統可自動實時檢測和顯示不同的支撐腿延伸狀況及起重條件下的安全操作負荷 (SWL)，以策安全。 <p>Kato Rough Terrain Crane Model: SL700R</p> <ul style="list-style-type: none"> · Suitable for use in special working conditions, such as narrow work site and access road requiring lifting condition to greater · The Automatic Crane System with voice alarm (ACS), a computer monitoring system, can control the main boom, fly jib or outrigger to prevent human input errors. · ACS can automatically calculate and display the Safe Working Load (SWL) at different strokes of outriggers, and the main boom, fly jib at different angles on a real-time basis to enhance 	
43	PA21-004	先進工具及設備 Advanced Tools and Equipment	蘇豪機械及車身工程有限公司 SOHO Mechanical Engineering Company Limited Tel: 6565 0686	<p>意大利全方位隨車安全吊機</p> <p>型號: PM150SP, PM58526SP, PM58529SP, PM65029SP, PM100029SP</p> <ul style="list-style-type: none"> · 配備穩定控制系統的隨車式起重機，該系統是由全天候安全負重指示器組成。 · 系統可持續監測及在不同支撐腿伸展或起重情況下實時指示安全工作負荷。 <p>Italy Comprehensive Loader Crane Model: PM150SP, PM58526SP, PM58529SP, PM65029SP, PM100029SP</p> <ul style="list-style-type: none"> · Equipped with Stability Control System, which consists of a full-time enabled safe load indicator. · System can monitor continuously and indicate the Safe Working Load at different outrigger extensions or load lifting conditions on a real-time basis. 	
44	PA21-007	先進工具及設備 Advanced Tools and Equipment	三洋車行 Sanyo Motors Tel: 2390 0433	<p>高馬吊機</p> <p>型號: 1150.8J6, 1150.10, 2000.9, 820.8, 950.9, 510.8, 650.8, 510.6, 650.6, 360.4, 360.6</p> <ul style="list-style-type: none"> · 配備穩定控制系統的液壓隨車式起重機。 · 系統可持續監測及在不同支撐腿伸展或起重情況下實時指示安全工作負荷。 <p>Copma hydraulic truck-mounted crane Model: 1150.8J6, 1150.10, 2000.9, 820.8, 950.9, 510.8, 650.8, 510.6, 650.6, 360.4, 360.6</p> <ul style="list-style-type: none"> · A hydraulic truck-mounted crane equipped with Stability Control System · System can monitor continuously and indicate the Safe Working Load at different outrigger extensions or load lifting conditions on a real-time basis. 	

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45	PA21-016	數碼化 Digitalisation	Cerebro Strategy Limited Tel: 2272 3670	Cerebro Inspection (只有英文名稱) <ul style="list-style-type: none"> 此產品是一套數碼工地監督系統 在四類檢測中管理檢測及工程進度。雲端平台儲存所有相關數據及提供多項目管理功能。 Cerebro Inspection <ul style="list-style-type: none"> The product is a project management software for the management of inspections and work progress. Including four type of inspection categories namely Site, Quality, Environmental and Safety. A cloud platform stores all relevant data and offers multi-project management capability. 	
46	PA21-020	先進工具及設備 Advanced Tools and Equipment	佰迪科技有限公司 PD Technologies Limited Tel: 3695 0998	BATCAM2.0 超聲波成像儀 <ul style="list-style-type: none"> 為超聲波及聲學相機，用以確定氣體洩漏、電氣故障及機械狀況。 聲音的實時視像化有助於識別不同的工業情況。 用戶可憑聲音圖像準確找到噪音和難以察覺的超聲波噪音。 BATCAM2.0 Ultrasonic Sound Camera <ul style="list-style-type: none"> An ultrasonic and acoustic sound camera for locating gas leakage, electric faults and mechanical issues. Real-time visualisation of sound help identify various industrial conditions. Sound imagery allows users to pinpoint both audible and ultrasonic noises that are hard to detect. 	
47	PA21-022	先進工具及設備 Advanced Tools and Equipment	喜利得(香港)有限公司 Hilti (Hong Kong) Limited Tel: 8228 8118	人體外骨骼裝置EXO-01 <ul style="list-style-type: none"> 非電池供電，可穿著的上半身外骨骼裝置。 穿上後，裝置為手臂增添力量，支撐提舉過頭的工作。 EXO-01 <ul style="list-style-type: none"> A wearable non-battery powered upper body exoskeleton focused on overhead applications. Applies a force to the wearer's arms to support overhead work. 	
48	PA21-033	數碼化 Digitalisation	MES Services Limited Tel: 2180 6144	數碼工程監督系統版本1 <ul style="list-style-type: none"> 此產品是一套雲端的數碼工程監督系統。 以中央處理各種電子化施工流程及收集工程數據。 DWSS Version 1 <ul style="list-style-type: none"> The product is a Digital Works Supervision System (DWSS). Web-based centralised portal for the digitisation of various construction workflows and collection of construction works <p>圖例 Legend: 14</p>	
49	PA21-038	先進工具及設備 Advanced tools and equipment	致圖有限公司 Digital G Limited Tel: 9202 5335	Focuslite Ear-Defender (只有英文名稱) <ul style="list-style-type: none"> 頭戴式聽覺保護設備，通過監測入耳及環境音量至合適水平來保護用家。 設有自動化環境噪音監察，收集所得的聽感及環境噪音水平資料可以在網上平台查看。 Focuslite Ear-Defender <ul style="list-style-type: none"> An over-ear hearing protection device with hear-through technology and noise reduction capability through monitoring of both exposed and environmental noises. Collected individual and environmental noise level data can be viewed on the online platform. 	



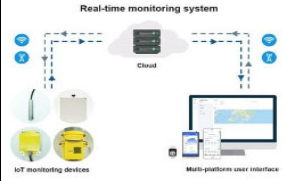
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50	PA22-006	自動化及機械化 Automation and Robotics	Karmo International Tel : 2362 4843	Robotic Welding System (只有英文名稱) 這款自動化焊接系統不但可減少人手操作提升工作效率，亦能減低工人受傷機會。 Karmo International Company Limited The system uses automation technology to perform welding work which reduces manual labour and human injuries therefore improving the overall safety of welding. It also enhances productivity by speeding up the entire welding process.	
51	PA22-008	數碼化 Digitalisation	Bex Solutions Limited Tel : 3469 9699	ESIA (數碼工地監督系統) · 此產品是一套雲端的數碼工程監督系統 (DWSS)。 · 用於工程監控和管理檢查及測量申請表格、工地日常工作記錄、安全及清潔記錄以及工友開工記錄。 ESIA (DWSS) · A Digital Works Supervision System (DWSS) that digitises inspection and site monitoring processes · Adoptable for RISC management, Site Diary, Safety and Cleansing Inspection and keeping of Labor Return record. 圖例 Legend: 14	
52	PA22-018	自動化及機械化 Automation and Robotics	Hilti (Hong Kong) Limited Tel: 8228 8118	Hilti Jaibot (只有英文名稱) · 這是一款半自動移動鑽孔機器人。 · 能夠為機械、電氣或水務管道安裝工程和內部裝修進行樓底鑽孔。 · 該無線系統由鑽孔機器人、數碼佈局工具和佈局平板電腦組成。 · 可根據數碼圖樣標記和鑽孔，並通過無線數據傳輸提供項目進度和狀態的資訊。 Hilti Jaibot · A semi-automated mobile drilling robot · Capable of performing overhead drilling for mechanical, electrical or plumbing installation works and interior · This cordless system comprises a drilling robot, a digital layout tool and a layout tablet · Able to mark and drill holes according to digital plans and provides project progress and status through wireless data transmission.	
53	PA22-019	自動化及機械化 Automation and Robotics	CSC Robotic Engineering Tel : 24263123	Drillcorprio (只有英文名稱) · 「大鑽鑽」以智能視覺系統自動識別工作範圍內的特定的目標。 · 由電腦系統精準定位，引導機械手精準鑽孔及打入平爆螺柱。 · 過程全部自動化，以機器代替人手進行天花鑽孔及打平爆的高危工作。 Drillcorprio · Drillcorprio (D2) is an automatic drilling & anchoring robot · The vision system performs automatic target recognition and the robot system aligns to the positions with accurate · Drilling and anchoring are automatically performed with an algorithm dealing with multiple scenarios. D2 eliminates both drilling and anchoring by workers at height.	


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54	PA22-020	自動化及機械化 Automation and Robotics	CSC Robotic Engineering Tel : 24263123	<p>Drillraffe (只有英文名稱)</p> <ul style="list-style-type: none"> 「天鹿鑽」採用安卓平板電腦以藍牙技術控制三軸移動平台。 利用無線監控鏡頭、激光十字定位及其他感應器，對準鑽孔位置及自動控制鑽孔的深度。 以機器代替人手進行天花鑽孔的高危工作。 <p>Drillraffe</p> <ul style="list-style-type: none"> Drillraffe (D1) is a Bluetooth-controlled 3-axis drilling machine. User aligns the drill to the targets through an android pad, wireless camera, reference lasers and other sensors. Drilling is triggered by remote control with preset depths. Drilling-at-height by the worker is eliminated by using D1. 	
55	PA22-024	先進工具及設備 Advanced Tools and Equipment	利勃海爾 (香港) 有限公司 Liebherr (HKG) Limited Tel: 31423151	<p>利勃海爾全方位液壓開鑿挖掘機</p> <p>型號: A922 Rail, R924 Tunnel, R950 Tunnel, R950 Demolition, R920, R924, R930, R944C, R945, R966, R976</p> <ul style="list-style-type: none"> 配備 LIKUFIX 液壓快速接頭系統，令在駕駛室更換機械和液壓工作工具更為安全。 透過搭配不同的挖掘機液壓機具，產品適用於隧道開鑿、挖掘、破碎拆卸等工程。 配合高性能靜液壓傳動系統，可有效地降低油耗。 挖掘機後方設有3D立體攝像機，可以區分人與物，系統會向操作員發出在顯示幕上發出警示和聲音警報。 <p>Liebherr Holistic Hydraulic Digging Excavator</p> <p>Model: A922 Rail, R924 Tunnel, R950 Tunnel, R950 Demolition, R920, R924, R930, R944C, R945, R966, R976</p> <ul style="list-style-type: none"> Equipped with the LIKUFIX Hydraulic Quick Coupling System, which allows safer replacement of mechanical and hydraulic work tools inside the control cabinet. By combining with different excavator hydraulic tools, the product is applicable for tunnel excavation, excavation, crushing and dismantling and other projects. Effectively reduce fuel consumption with high-performance hydrostatic transmission system. 3D camera installed at the back of excavator can distinguish between people and objects. Warnings and audible alarms will be issued to operator on display screen. 	
56	PA22-029	先進工具及設備 Advanced Tools and Equipment	Shing Fung Engineering & Equipment Ltd Tel : 27922176	<p>Tadano Aerial Work Platform CG-Series (Articulating Type) (只有英文名稱)</p> <p>Model: AT-300CG-2 / AT-255CG-1 / AT-157CG-1</p> <ul style="list-style-type: none"> 配備安全裝置車載高空作業平台，適用於一些難以抵達的地方。 配備自動力矩限制器 (AMC) 安全功能和動臂狀況監測系統。 內置的自動歸位裝置和垂直/水平移動裝置使操作員只需簡單操作即可完成所需的移動，從而降低人為錯誤的風險。 <p>Tadano Aerial Work Platform CG-Series (Articulating Type)</p> <p>Model: AT-300CG-2 / AT-255CG-1 / AT-157CG-1</p> <ul style="list-style-type: none"> A truck-mounted aerial platform equipped with safety devices to provide temporary access for people to reach areas difficult to Equipped with automatics moment limiter (AMC) safety feature and boom profile monitor system. Built-in automatic home device and vertical/horizontal movement device allows operator to complete the required movement with just ONE button/lever, thus reducing the risk of human error. 	




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57	PA22-030	先進工具及設備 Advanced Tools and Equipment	Shing Fung Engineering & Equipment Ltd Tel : 2792 2176	<p>Tadano Work Platform TG-Series (Telescopic Type) (只有英文名稱)</p> <p>型號: AT-270TG / AT-220TG / AT-170TG</p> <ul style="list-style-type: none"> 配備女王表及車載即時高度作業平台，適用於一些難以抵達的地方。 配備自動動力矩限制器 (AMC) 安全功能和動臂狀況監測系統。 內置的自動歸位裝置和垂直/水平移動裝置使操作員只需簡單操作即可完成所需的移動，從而降低人為錯誤的風險。 <p>Tadano Work Platform TG-Series (Telescopic Type) Model: AT-270TG / AT-220TG / AT-170TG</p> <ul style="list-style-type: none"> A truck-mounted telescopic aerial platform equipped with safety devices to provide temporary access for people to reach areas difficult to access. Equipped with automatics moment limiter (AMC) safety feature and boom profile monitor system. Built-in automatic home device and vertical/horizontal movement device allows operator to complete the required movement with just ONE button/lever, thus reducing the risk of 	
58	PA19-002	自動化及機械人技術 Automation and Robotics	高仕洋行有限公司 C. Crossfield & Co., Ltd Tel: 2753 8500	<p>“布洛克”多功能破拆機器人</p> <p>型號: B60, B70, B110, B170, B200, B300, B500, B800S</p> <ul style="list-style-type: none"> 比傳統挖土機輸出高達五倍。 小巧機身能令機械輕鬆進入狹窄空間及上落梯級。 拆卸機械可以遙距控制並以電力推動。 最小型號B60可取代3-5人的人手打鑿效率。 避免工人曝露於廢氣和高強度振動，並遠離危險區域。 <p>Brokk Demolition Robots</p> <p>Model: B60, B70, B110, B170, B200, B300, B500, B800S</p> <ul style="list-style-type: none"> Outperforms existing excavators five times as its size. Compact size facilitates accessibility in confined locations like narrow spaces and stairs. Remote controlled and electric driven. Smallest model B60 can replace manual method of 3 to 5 workers with jackhammers Workers are protected against high vibrations, exhausted fumes and hidden site dangers. 	
59	PA19-004	傳感器及物聯網 Sensors and IoT	創新建築科技有限公司 LR Construction Technologies Ltd Tel: 2137 0877	<p>自動化物聯網建造工程監測設備及監測系統</p> <ul style="list-style-type: none"> 即時監測支架支撐力及傾角度、地下水位、空氣污染物及一些環境因素如溫度、濕度及氣壓等。 在任何的天氣狀況下，系統都可提供間隔最短為一分鐘的資料，並自動上傳至雲端。 使用者可即時透過系統所提供的多平台介面獲得資料。 當資料數值超出使用者預設的安全界限值，監測系統會自動發出警告。 <p>Automated Internet of Things (IoT) Construction Monitoring Devices and Monitoring System</p> <ul style="list-style-type: none"> IoT monitoring devices measure force, underground water level, inclination, and also environmental quantities such as temperature, humidity, barometric pressure, and air pollutant concentrations. Readings can be automatically measured at 1-minute intervals round the-clock regardless of weather conditions, and are stored on the cloud. Allows users to view readings in real time. Instantaneous risk analysis can also be carried out and warnings can be instantly issued according to user configured safety thresholds. 	

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60	PA19-011	自動化及機械人技術 Automation and Robotics	奧馬迪機器人有限公司 O-matic Intelligent Robot Limited Tel: 3705 2998	運輸機器人 <ul style="list-style-type: none"> 以無線控制和電池驅動。 可在不同路況的建築工地運送建築物料或工具。 可取替人手處理及搬運重型物件，減低工傷風險及提升工作效率。 Transbot <ul style="list-style-type: none"> Wireless controlled and battery-operated. Capable of carrying construction materials/tools around construction sites with different terrain conditions. Capable of replacing manual handling operation in delivery and unloading of heavy items, thereby reducing safety hazards to labours and increase work efficiency. 圖例 Legend: 14	
61	PA19-012	自動化及機械人技術 Automation and Robotics	中國路橋工程有限責任公司 China Road and Bridge Tel: 6483 6280	超高壓水泵拆卸機械人 <ul style="list-style-type: none"> 以柴油推動和支援遙控操作。 適用於拆除混凝土。 可準確移除混凝土而不破壞加固鋼筋，並在粗糙不平的表面為維修物料提供黏合作用。 操作期間亦可減低對周遭建築物的震動和顯著減少透過建築物傳送的聲音。 可節省人手和減少工人受傷的機會。 Aquajet Aqua Cutter 710H 710H <ul style="list-style-type: none"> Diesel-driven and wireless controlled. Applicable for concrete demolition. Accurately removes concrete with steel reinforcement undamaged and it provides excellent bond for repair materials in rough and irregular surface. Reduces vibrations created to the surrounding structures during operation and significantly reduce transmitted sound through the structures. Helps save manpower and minimise work injuries. 	
62	PA19-030	自動化及機械人技術 Automation and Robotics	保華建業(香港)有限公司 Paul Y. Engineering (H.K.) Tel: 2831 8338	自動批盪機TUPO <ul style="list-style-type: none"> 以遙控操作，將水泥漿放到機器上便會自動完成由地面3米 (220V 1型號)至6 米(380V 3型號)高的批盪工序。 可減少高空工作的需要。 標準自動化的批盪工序可改善批盪質素 自動批盪機可進行較闊範圍的批盪，從而提高生產力。 Automatic Wall Plastering Machine TUPO <ul style="list-style-type: none"> Operates on remote-controlled basis and applies cement sand plaster automatically to wall up to 6m high (380V 3 Phase model) or up to 3m high (220V 1 Phase model). Eliminates the need for working at height Improves quality by standardizing the plastering process automatically, Allows wider surface of application and increases productivity. 	

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63	PA19-038	自動化及機械人技術 Automation and Robotics	奧馬迪機器人有限公司 O-matic Intelligent Robot Limited Tel: 3705 2998	噴塗機械人 <ul style="list-style-type: none"> 配備了噴塗器和六軸協作式的機械臂的噴塗機械人，可在建築工地進行各種不同的噴塗工作。 無線遙控的無人駕駛車輛可將機械人帶到需要噴塗的附近位置，機械人便可按照預設軌跡移動噴塗工具進行工作。 噴塗機械人有助減低工人吸入塗料的有害物質。 Paintbot <ul style="list-style-type: none"> Equipped with a spraying tool and a 6-axis mechanic arm. It can maneuver at construction sites to handle different painting The unmanned ground vehicle with wireless remote control can move Paintbot into close proximity to painting areas, enabling it to spray paint following the programmed trajectory. Helps keep workers away from potentially harmful inhalants. 	
64	PA19-047	傳感器及物聯網 Sensors and IoT	華一科技有限公司 Infotronic Technology Ltd. Tel: 9106 7601	智高™ 智正工地工人動態系統 <ul style="list-style-type: none"> 實時追蹤地盤工人活動及管理的系統。 能透過讀卡器及生物識別系統在入閘機記錄工人進出地盤 能實時檢察及追蹤工人在地盤內的活動，提供可靠的出勤記錄， 減少工資、受傷的糾紛，並可產生工人工作或工種報告以供工作團體管理。 InfoSMART™ Attend – Real Time Manpower Attendance in-site Record System <ul style="list-style-type: none"> A real-time construction worker activity tracking and management system. Provides workers' gate-in/gate-out records via worker-card reader and biometric device at turnstiles Enables real-time visibility and tracking of workers in sites, Provide reliable attendance record to reduce disputes over wages and injuries, and generate workers' work/trade report for fleet management. 圖例 Legend: 14	
65	PA20-019	自動化及機械人技術 Automation and Robotics	隆豐機械工程有限公司 Robinson Equipment Limited Tel: 2543 7008	Wienold-LIFTE物料提舉設備 <p>型號: GML-C/600, GML-C/800, MFC750</p> <ul style="list-style-type: none"> 一款平衡重物及以電動遙控操作的設備，用以提起玻璃及物料等重物進行安裝。 設備輕巧及備有不同安全運作負載量及起重高度。 避免使用市環鎖任及繩馬市索，從而改善提舉物料的施工力及安全。 Wienold-LIFTE Material Lift <p>Model: GML-C/600, GML-C/800, MFC750</p> <ul style="list-style-type: none"> A counterbalanced and electrically driven device with remote control for raising loads for glass and material installation. Compact and equipped with different Safe Working Loads and lifting heights. Eliminates the need for using eye bolts and chain blocks, thus improving productivity and safety in material lifting. 	



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66	PA20-022	自動化及機械人技術 Automation and Robotics	Transforma Robotics Ptd Ltd Tel: +65 65702669	PICTOBOT <ul style="list-style-type: none"> 一款智能流動機械人，可自行掃描、計劃及噴塗樓宇內部。 減低工人因從事高空工作及吸入塗料有害物質的風險。 PICTOBOT <ul style="list-style-type: none"> An intelligent mobile robot that autonomously scans, plans and paints interior of buildings. Reduces risk of work injuries arising from working at height and exposure to potentially harmful inhalants. 	
67	PA20-035	自動化及機械人技術 Automation and Robotics	嘉模國際有限公司 Karmo International Tel: 2362 4843	Apollo 高高車 <ul style="list-style-type: none"> 一輛於工地運載物料的遙控電動車。 可減輕工人搬運重物的工作，於建造過程中提升生產力及改善安全。 Apollo Go Go Trolley <ul style="list-style-type: none"> A remote-controlled and electric-powered trolley for delivery of materials in construction sites. Reduces manual handling of heavy loads to enhance productivity and safety during construction process. 	
68	PA20-135	自動化及機械人技術 Automation and Robotics	必飛科技有限公司 B-free Technology Limited Tel: 3704 7069	全地形貨運機器人 <ul style="list-style-type: none"> 可幫助建築工人在包括樓梯在內的不同地形運輸物件的遙控電動車。 Haulerbot <ul style="list-style-type: none"> A remote-controlled and electrically- powered vehicle that facilitates construction workers to transport objects in all-terrain including staircase. <p>圖例 Legend: 14</p>	
69	PA21-035	自動化及機械人技術 Automation and robotics	奧馬迪機器人有限公司 O-matic Intelligent Robot Limited Tel: 3705 2998	通用服務機器人3.0 <ul style="list-style-type: none"> 以電力驅動的無線遙控無人駕駛車輛。 可用於工地運送材料或工具。 Universal Service Vehicle 3.0 <ul style="list-style-type: none"> A wireless remote-controlled battery- operated Universal Service Vehicle (USV). Supports onsite transportation of materials/ tools. 	
70	PA21-036	自動化及機械人技術 Automation and robotics	安百拓香港有限公司 Epiroc Hong Kong Limited Tel: 2488 0103	Diamec Smart 8 (只有英文名稱) <ul style="list-style-type: none"> 經驗較淺的操作員也可操作的自動岩心鑽探機以進行深孔鑽探。 設有安全控制面板及全自動鑽桿裝卸系統，可遠距離操作鑽探機和裝卸鑽桿，改善安全情況。 Diamec Smart 8 <ul style="list-style-type: none"> A core drilling rig for automatic deep-hole exploration drilling which can be operated by less experienced drillers. With safety control panel and automatic 'Rod Handling System', the driller can operate the machine and handle the rods from a distance, which improves safety. 	

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71	PA21-040	自動化及機械人技術 Automation and Robotics	BAUER Equipment HK Limited Tel: 2544 9613	Klemm hydraulic handling attachment type (只有英文名稱) 型號: HBR120-E2V-350 · 可安裝在5公噸重以上的挖工機上的配置，用作搬運鑽杆及鑽煙用途。 Klemm hydraulic handling attachment type Model: HBR120-E2V-350 · A hydraulic/ mechanic handling system for casings and drill rods as an attachment kit for excavators of over 5 tonne in weight.	
72	PA21-043	自動化及機械人技術 Automation and Robotics	奧馬迪機器人有限公司O-matic Intelligent Robot Limited Tel: 3705 2998	打鑿機器人 · 可編程序、以遙控器操作的電動打鑿機械人。 · 具備自動停止功能，提升運作安全。 · 充電4小時後可連續運作8小時。 Jackbot · A programmable battery-operated demolition and chiseling robot with remote control. · Equipped with automatic stop function to enhance safety · 4-hours charging can support continuous operation up to 8 hours	
73	PA22-004	自動化及機械人技術 Automation and Robotics	O-Matic Intelligent Robot Limited Tel: 3705 2998	Paintbot (可調節) (只有英文名稱) · 可遙控及編程控制的噴塗機械人，由噴塗器、十二軸機械臂及移動車架所組成。 · 機械人可按照預設軌跡移動噴塗工具進行牆壁或天花噴塗。 · 當機械人偵測到1米半徑內的非透明物件，便會停止運作，確保工人安全。 Paintbot (adjustable) · A remote-controlled and programmable paint spraying robot equipped with 12-axis robotic arm mounted on universal service vehicle (USV). · Suitable for wall or ceiling painting. · Automatically stop moving on detection of non-transparent objects within 1m radius to enhance safety.	
74	PA21-024	數碼化 Digitalisation	Letsapp Limited Tel: 5225 4679	火衛者應用程序 · 以雲端為本的火警監控平台。 · 出現火警及 / 或煙霧時，流動應用程式會通知用戶。 FireWatcher Fire Alarm Web Application · A cloud-based fire alarm system monitoring platform. · Alerts users of occurrences of fire and/or smoke through mobile application.	
75	PA21-039	數碼化 Digitalisation	思科創意有限公司 Ideas & Technology Tel: 9313 6043	ACE風險評估應用程式 · 用以進行風險評估的流動應用程式。 · 支援項目團隊在電子平台上分享相關資訊。 Risk Assessment Conduct Everywhere (RACE) Mobile App · A mobile app to carry out risk assessment effectively. · Support project team to share relevant information on electronic platform. 圖例 Legend: 14	

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76	PA18-007	傳感器及物聯網 Sensors and IoT	安樂科技工程有限公司 ATAL Technologies Tel: 9488 0410	<p>興建中的隧道人流管理系統</p> <ul style="list-style-type: none"> 系統使用了無線射頻識別技術和第三代行動通訊技術的專門軟件 有助於實時安全監察人力資源及意外管理的系統 <p>Construction Stage Tunnel Access Control System (TACS)</p> <ul style="list-style-type: none"> Incorporates RFID Technology, 3G telecommunication, custom-designed software Used for real-time safety monitoring of on-site human resources and incident management. <p>圖例 Legend: 14</p>	
77	PA18-032	傳感器及物聯網 Sensors and IoT	緯衡科技有限公司 VHSoft Technologies Co. Ltd Tel: 2619 8034	<p>視覺智能安全符合監測系統</p> <ul style="list-style-type: none"> 系統由感應器及感應技術組成 配合人工智能技術及最新的電訊科技，系統可提供解決方案以符合安全的需要。 系統利用特製鏡頭如閉路電視般監測工地，可偵測工人是否符合安全準則。 系統亦會檢查所需的安全設備是否齊全，同時透過電訊網絡傳送訊息予地盤安全主任。 <p>Visual Intelligence Safety Compliance Monitor (VISCMon) system</p> <ul style="list-style-type: none"> Comprises with sensor and sensing technologies. Provides a solution to meet the needs on safety in collaboration with artificial intelligence technologies and the latest telecommunication technologies. Specialized cameras operate like the CCTV system - monitor workers and check compliance with safety standards. Alert message will be sent to site safety officer via telecommunication network when required safety gear is not detected. 	
78	PA19-031	傳感器及物聯網 Sensors and IoT	點子建有限公司 Beeinventor Limited Tel: 9757 2952	<p>物聯網智能安全帽連雲端平台</p> <ul style="list-style-type: none"> 追蹤及確定工人在戶外及室內位置的系統，亦能在雲端管理平台上以三維建築信息模擬形象化工人位置。 實時監測可有效改善工地監督及管理。 心率傳感器及體溫傳感器遇到異常讀數時，會即時透過無線訊號回報。 加速度計可偵測意外下墮及靜止情況以便作出適時跟進。 用戶亦可按下求救按鈕在緊急情況下求救。 此系統亦能提供碰撞警報予工人以免受傷。 <p>Dasloop IoT Smart Helmet with Cloud Based Management Platform</p> <ul style="list-style-type: none"> Track and locate workers in both outdoor and indoor environment. Information can be visualised in 3D BIM model in the cloud based management platform. Real-time monitoring could improve the efficiency in site supervision and management. Heartbeat rate and body temperature sensors can provide instant alert through SMS if abnormal readings are detected. Accelerometer sensor can detect accidental fall and motionless conditions so that quick actions could be taken. Users can also press panic button to call for help in emergency. Collision warning can also be given to workers to minimize injuries. <p>圖例 Legend: 14</p>	

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79	PA19-045	傳感器及物聯網 Sensors and IoT	佳智能有限公司 Customindz Limited Tel: 9125 3390	建築工地人工智能計算機視覺雲viAct <ul style="list-style-type: none"> 結合人工智能及視頻監測的一站式平台，用以檢測設備、安全及質量。 使用API及圖象化用戶界面，可進行自訂或預設檢測。 預設檢測包括: (i)人體及面部及身體屬性; (ii)物件; 及(iii)動作。 Artificial Intelligence Computer Vision Cloud (viAct) <ul style="list-style-type: none"> A one-stop artificial intelligence and video surveillance platform for equipment, safety and quality detection. Uses API and graphical user interface, and can perform custom detection and predefined detection. Predefined detection includes detecting: (i) people and facial and body attributes; (ii) objects; and (iii) actions. 	
80	PA20-020	傳感器及物聯網 Sensors and IoT	EBSL Tel: 2345 1882	BLAXTAIR Pedestrian / Machinery Anti-collision Camera (只有英文名稱) <ul style="list-style-type: none"> 用戶可設定檢測範圍，如有行人或物件進入預設範圍時，系統會在駕駛艙的屏幕上發出聲音警報及閃爍信號。 駕駛艙內的屏幕亦可透過感應器持續監測，從而保障工地附近行人的安全。 BLAXTAIR Pedestrian / Machinery Anti-collision Camera <ul style="list-style-type: none"> Allows users to set detection zone and provides audible alarm and flashing signals on the driver's screen if pedestrians or objects detected within the set zone. A monitor installed in the cabin provides continuous footage captured by the sensor head, which helps ensure safety of pedestrians nearby. 	
81	PA20-025	傳感器及物聯網 Sensors and IoT	數碼通電訊有限公司 SmarTone Mobile Communications Limited Tel: 3128 2467	智安健 <ul style="list-style-type: none"> 一個提升建築工人健康、安全及營運效率的綜合平台。 包含五個元素提升工地安全 - 包括智能頭盔能實時檢測工人的健康狀況、健康監察站可讓工人了解個人身體狀況、環境監察站監測工地環境、安全預警系統在工人靠近機械時發出警報及泥頭車管理。 SmartWorks <ul style="list-style-type: none"> An integrated platform to enhance construction workers' health, safety and operational efficiency. Incorporates five modules to promote and manage worksite safety - Smart Helmet for workers' real-time condition sensing, SmartHealth Station for workers' health surveillance checking, Environmental Station for environmental monitoring, danger rader concerning of Safety Triggering System and Dump Truck Management. 	
82	PA20-032	傳感器及物聯網 Sensors and IoT	海宏技術有限公司 Transcendence Company Limited Tel: 2862 1724	超寬頻無線定位安全系統 <ul style="list-style-type: none"> 包含智能手錶和中央監測平台的工人即時定位系統。 透過超寬頻定位技術，即使在密閉空間仍可追蹤工人位置及健康參數。 Ultra-wide Band Wireless Positioning Safety System <ul style="list-style-type: none"> A "Worker Real-Time Positioning System incorporating smart watches and a central monitoring platform. Track workers' locations and health parameters even in sealed off space with ultra-wide band positioning technology 	

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83	PA20-033	傳感器及物聯網 Sensors and IoT	數碼通電訊有限公司 SmarTone Mobile Communications Limited Tel: 9451 4017	SmartWorks – 臨時升降機閘門警報裝置 <ul style="list-style-type: none"> 為未經許可下進入受限制的設備及禁區如升降機閘門提供警報。 減低工人在工地受傷及發生意外的機會。 SmartWorks – Safety Alert System for Temporary Lift Shaft Gate <ul style="list-style-type: none"> Provides alerts for unauthorised access to the restricted equipment and areas like lift shaft. Reduces the chance of injuries and accidents at construction site. 	
84	PA20-055	傳感器及物聯網 Sensors and IoT	點子建有限公司 Beeinventor Tel: 9757 2952	超寬頻防撞警報系統 <ul style="list-style-type: none"> 統採用最新的超寬頻技術。 機器安裝了超寬頻探測器後可設置虛擬工作範圍，當身上載有超寬頻標籤的工人進入有關範圍便會觸發警報，警告工人及操作員停止機器運作，避免碰撞意外。 有關精準度可達致全方位和公分程度。 UWB Collision Warning System <ul style="list-style-type: none"> Adopts the latest UWB - Ultra Wide Band technology. The plant with UWB detector sets a virtual working perimeter and any worker with an UWB tag entering the perimeter will trigger the alarm to warn workers and operator to stop the plant so as to prevent collision accidents. Accuracy is up to centimeter level and in all directions. <p>圖例 Legend: 14</p>	
85	PA20-073	傳感器及物聯網 Sensors and IoT	港進建機服務中心有限公司 Kong Chun Construction Machinery Services Centre Tel: 2475 1083	鷹網智能監測系統 <ul style="list-style-type: none"> 鷹網智能監測系統用於重型建築機械。 提供360°全景鳥瞰合成影像，讓操作員可在駕駛艙內透過屏幕，全景檢測1米範圍內的障礙物，和實時獲取周圍環境之影像。 如有障礙物進入預設範圍時，系統會發出聲音警報和信號燈，從而保障機械附近工人的安全。 I-Vision Smart Monitoring System 5.0 <ul style="list-style-type: none"> This safety monitoring system is installed on heavy construction plant for obstacles detection and real-time acquisition of surrounding environment. Provides synthesized image with 360° bird's-eye view, panoramic detection of obstacle within 1 metre. Activates siren and signal light when there are obstacles in the detection range, thus improving workers' safety when plant is in the operation. <p>圖例 Legend: 14</p>	
86	PA20-085	傳感器及物聯網 Sensors and IoT	Hornbird Technology Tel: 6705 0848	BLE Material & Attendance Tracker (只有英文名稱) <ul style="list-style-type: none"> 以藍牙技術為本的位置和出勤系統，有助跟踪工人的確切位置，從而確保工人的安全。 系統備用三個模組，包括NearBy”、“realTime”及“safetyMeter”模組。 BLE Material & Attendance Tracker <ul style="list-style-type: none"> A bluetooth-based location and attendance tracker and helps keep track of the exact locations of workers to maximise safety. Tracker consists of 3 modules -NearBy”、“realTime” and “safetyMeter” 	

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87	PA20-090	傳感器及物聯網 Sensors and IoT	佳智能有限公司 Customindz Tel: 9125 3390	<p>危險區域警報傳感系統</p> <ul style="list-style-type: none"> 一套安裝於建築車輛上的感應系統。 當途人路經或站在車輛附近時，顯示屏及揚聲器會發出警報予操作員，令操作機器時能夠確保工人的安全。 用戶可調整感應距離，亦能透過系統區分感應區域內非工人物件(例如車輛)，以避免虛報。 <p>Danger Zone Alert Sensoring System</p> <ul style="list-style-type: none"> A sensing system installed on construction vehicles. Provides both visual alert on monitor and audio sound alert to operator when there are pedestrians walking or standing nearby the vehicle, thus ensuring workers' safety during plant. Allows users to adjust the zoning distance and exclude default objects (e.g. vehicles) to avoid false alarms. <p>圖例 Legend: 14</p>	
88	PA20-116	傳感器及物聯網 Sensors and IoT	XenseTech Limited Tel: 5616 6382	<p>恒高精準定位及安全管理系統</p> <ul style="list-style-type: none"> 透過Ultra-wide Band (UWB)技術，可實現精準度達10厘米之定位。 有效管理工人團隊，監測工人狀況及分佈，保障工人安全及提升管。 系統同時透過不同配置提供高精準度警報，減少工地中常見之意外，提高地盤安全系數。 <p>EverHigh Precise Positioning & Safety Management System</p> <ul style="list-style-type: none"> Uses Ultra-wide Band (UWB) technology to achieve positioning with an accuracy of 10 cm, effectively managing the labor force, monitoring the status and distribution of workers, ensuring worker safety and improving management quality. Provides high-precision alarms through different configurations to reduce common accidents in construction sites and improve site safety. 	
89	PA20-119	傳感器及物聯網 Sensors and IoT	Karta-X Technologies Limited Tel: 3619 0620	<p>Karta-X_KACSA v2.0 AI Assisted Construction Safety Analytic (KACSA) (只有英文名稱) 具有AI分析工具的建築工地安全監控平台，可識別閉路電視拍攝所得的工人行為。</p> <ul style="list-style-type: none"> 功能包括紀錄工人出勤和檢查PPE佩戴情況，識別機器以及檢測可疑人員，以實現更好的工地管理。 警報可以通過Web，電子郵件或APP傳遞。 <p>Karta-X AI Assisted Construction Safety Analytic (KACSA)</p> <ul style="list-style-type: none"> A construction site safety monitoring platform equipped with AI analytical tool for determining workers behavior captured by Functions include keeping track of workers' attendance and checking PPE compliance, machine identification and suspicious personnel detection for better site management. Alerts can be delivered by web, emails or APPs. 	
90	PA21-028	傳感器及物聯網 Sensors and IoT	智叻科技有限公司 Verdigris Technologies Inc. Taiwan Branch Website : https://verdigris.co	<p>建築能源監控決策輔助系統</p> <ul style="list-style-type: none"> 非侵入式電錶，用於判斷用電是否正常/異常。 提供手機報表功能，進一步做能耗預測分析。 <p>Buildings intelligent energy monitoring system</p> <ul style="list-style-type: none"> A non-intrusive electricity meter for detection of irregularity in electricity power consumption. Provide visual reports for further energy consumption analysis. 	



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91	PA21-031	傳感器及物聯網 Sensors and IoT	海宏技術有限公司 Transcendence Company Limited Tel: 2862 1724	駕駛員狀態監測系統 <ul style="list-style-type: none"> 透過紅外線鏡頭分析機械操作員的行為。 利用人工智能及大數據分析獲取的圖像，以辨識不安全及異常行為。 當發現不當行為時，會即時向駕駛員及工地管理人員發出警報。 Driver Status Monitor System <ul style="list-style-type: none"> Designed to analyse machine operator's behaviour via infra-red camera. Captured images are interpreted by artificial intelligence (A.I.) and big data to recognise unsafe and abnormal behaviours. Alerts driver and site management instantly when unwanted operator behaviour is spotted. 	
92	PA21-032	傳感器及物聯網 Sensors and IoT	海宏技術有限公司 Transcendence Company Limited Tel: 2862 1724	智慧用電管理系統 <ul style="list-style-type: none"> 協助管理人員遙控監測工地的用電量。 網站及流動應用程式可實時顯示用電量數據及報告供電相關的數據。 有助技術人員識別電力系統中的故障。 Intelligent Electrical System <ul style="list-style-type: none"> Assists management staff in remote monitoring of a construction site's power usage. Both web portal and mobile app show real-time power consumption figures and reports electrical supply-related data to help technicians identify faults in electrical system. 	
93	PA21-044	傳感器及物聯網 Sensors and IoT	綠色安全科技有限公司 GreenSafety Technology Tel: 2662 6460	方案一：高級駕駛輔助系統 + 睡意監測系統 方案二：高級駕駛輔助系統 方案三：睡意監測系統 <ul style="list-style-type: none"> 高級駕駛輔助系統是一個雙鏡頭設備，透過提醒駕駛者可能出現的危險駕駛情況以協助其駕駛。它採用錄像分析技術進行探測。 睡意監測系統是一套精密的人臉識別技術，當系統探測到駕駛者疲倦或不良駕駛行為時會發出聲音警示。 Package A: Advanced Driving Assistance System (ADAS) + Drowsiness Monitoring System (DMS) Package B: Advanced Driving Assistance System (ADAS) Package C: Drowsiness Monitoring System (DMS) <ul style="list-style-type: none"> ADAS is a dual-camera device that provides real-time driving assistance by alerting driver of possible dangerous driving situations. Detection is made possible with the use of video. DMS uses sophisticated face recognition technology to provide audible and vibrating alerts when fatigue or bad driving behavior is detected. 	
94	PA22-005	傳感器及物聯網 Sensors and IoT	iSafety Limited Tel: 2408 8008	A.I. Surveillance System for Construction Site Safety (只有英文名稱) <ul style="list-style-type: none"> 結合人工智能 (A.I.) 和5G物聯網(IoT) 技術的安全管理系統。 監察工友和車輛進入危險區域，並偵測未佩戴安全頭盔的工友。 實時監察，並即時發出警報，以便及時採取應對措施。 A.I. Surveillance System for Construction Site Safety <ul style="list-style-type: none"> A safety management system incorporating artificial intelligence (A.I.) and 5G Internet of Things (IoT) technologies. Monitor workers or vehicles entering hazardous areas and detect workers not wearing safety helmets. Provide real-time monitoring and issue instant warnings for timely response. 	

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95	PA22-011	傳感器及物聯網 Sensors and IoT	RaSpec Intelligence Inspection Limited Tel : 39788425	<p>Raspect-ACE-Safety (只有英文名稱)</p> <ul style="list-style-type: none"> 用於監察工地活動和可移動機械的位置。 工地的感應器和攝影機分別收集數據和影像，經電腦分析後，可在平台查閱。 一偵測到安全問題時，可即時通知安全主任。 <p>Raspect-ACE-Safety</p> <ul style="list-style-type: none"> Monitor onsite activities and mobile plants location. Data collected through sensors and cameras on site can be inspected on platform after computer analysis. Issue alerts to safety officers when detecting unsafe incidents. <p>圖例 Legend: 14</p>	
96	PA22-033	數碼化 Digitalisation	RaSpec Intelligence Inspection Limited Tel : 39788425	<p>A.I. Unmanned Aerial System for Scaffolding Inspection (只有英文名稱)</p> <ul style="list-style-type: none"> 通過人工智能技術運作的圖像分析軟件。 提供架空電力線和金屬棚架檢查。 能記錄架空電力線和棚架的情況和識別異常情況，例如安全網損壞、雜物堆積、棚架變形、架空線塔架損耗等。 <p>A.I. Unmanned Aerial System for Scaffolding Inspection</p> <ul style="list-style-type: none"> Offers overhead power line and metal scaffolding inspections through image analysis powered by A.I. technology. Records the conditions of the overhead power line and scaffold Able to identify abnormal conditions, e.g. safety net damages, accumulated debris, deformation of scaffold, defects of overhead line tower & etc. <p>圖例 Legend: 14</p>	
97	PA22-035	傳感器及物聯網 Sensors and IoT	Hong Kong Telecommunications (HKT) Limited	<p>Construction Machines Crash Detection System (只有英文名稱)</p> <ul style="list-style-type: none"> 通過傳感器來測量機械位置的碰撞檢測系統 (CDS)。 使用機械和結構的實時位置計算 3D 模型以判斷是否發生碰撞風險。 危險情況下會發出警報通知操作員立即採取行動以防止事故發生。 檢測系統可安裝到多台機器上，並能夠於惡劣天氣情況下運行。 <p>Construction Machines Crash Detection System</p> <ul style="list-style-type: none"> A Crash Detection System (CDS) using sensors to measure positions of machineries. Computes a 3D model with machineries and structures' real-time positions to assess potential risks of collision. Alerts operators to take immediate actions to prevent accidents. Compatible with multiple machineries and operable in adverse weather conditions. 	

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98	PA22-037	傳感器及物網聯 Sensors and IoT	Synergos Systems Company Limited Tel : 3176 2121	<p>5G Smart Site (只有英文名稱)</p> <ul style="list-style-type: none"> 綜合平台根據安全相關傳感器和閉路電視的信息 提供警報和授權功能，用於監察碰撞和進入未經授權或危險區域。 收集到的訊息通過電訊網絡傳播到網上監察平台。 提供面部身份驗證以 啟用移動設備。 <p>5G Smart Site</p> <ul style="list-style-type: none"> Integrated alert and authorisation platform which collects signals from various types of safety-related sensors and cameras Monitoring of collision and entry to unauthorised or danger zones. The gathered information is relayed via mobile network Online centralised monitoring platform. Enables facial authentication for moving plant activation. <p>圖例 Legend: 14</p>	
99	PA22-038	自動化及機械化 Automation and Robotics	中聯實業有限公司 Sanfield Industries Limited www.sanfieldhk.com	<p>橋樑斜拉索檢測機器人</p> <ul style="list-style-type: none"> 利用橋樑斜拉索檢測機器人，可以偵察斜拉索PE套外表面裂紋。 取代高空人手檢查工作。 可檢測直徑範圍90-260mm斜拉索。 可在高濕度的環境工作。 內置充電池可連續工作2小時。 <p>Bridge suspension cable inspection robot</p> <ul style="list-style-type: none"> Bridge suspension cable detection robot which can detect cracks on the outer surface of the PE sleeve of the Replace manual high level inspection work. Capable of inspecting cables in the diameter range of 90-260mm Function in a high-humidity environment. The built-in rechargeable battery allows continuous operation of 2 hours. 	
100	PA22-043	傳感器及物網聯 Sensors and IoT	T-Smart Logistics Limited Tel : 2488 8888	<p>Mobile360 M500 雙項監測安全系統</p> <ul style="list-style-type: none"> 備有雙項監測功能和AI智能廣角雙攝像。 可以偵測工作危險區域的行人動態，提供實時視覺警報及音訊提醒予操作員，解決突發狀況及為盲區提供防護。 M500室內AI人臉識別攝影鏡頭可監控操作員是否有疲勞、吸煙和打電話的狀態出現，並提供實時視覺警報及音訊提醒，防止不良狀況造成意外發生。 系統可搭配手機應用程式，保障行人及操作員安全。 <p>Mobile360 M500 - Dual purpose safety monitoring system</p> <ul style="list-style-type: none"> With dual monitoring functions, the A.I. intelligent wide-angle dual camera lens detects the movement of pedestrians in the dangerous area of work Real-time visual alarm and audio reminder to the operator, solves emergencies and provides protection for M500 indoor AI face-specific camera lens can monitor whether the operator is fatigue, smoking, or focusing on the phone. Real-time visual alarms and audio reminders can prevent unsafe conditions and associated accidents from happening. Mobile phone applications to ensure the safety of pedestrians and operators. 	


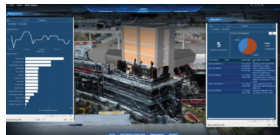

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101	PA22-044	先進工具及設備 Advanced Tools and Equipment	Mak Kee International HK Tel : 2396 4107	Crosby Blokcam (只有英文名稱) <ul style="list-style-type: none"> 無線 360度鳥瞰攝像鏡頭系統。 可以傳輸在吊鉤附近的實時影片和聲音，為操作人員提供清晰的吊裝負載實況。 Crosby Blokcam <ul style="list-style-type: none"> Wireless 360 bird's-eye view camera system Transmit real time video and audio near the lifting hook to provide clear view on the load being lifted for the operating crew. 	
102	PA22-046	數碼化 Digitalisation	Hong Kong Telecommunications (HKT) Limited Tel : 2883 8046	Plant Activity Monitoring System (只有英文名稱) <ul style="list-style-type: none"> 該產品是一款重型機械活動監控系統。 可在在線平台上報告機械的實時位置。 可以呈報有關機器活動的報告以供分析。 Plant Activity Monitoring System <ul style="list-style-type: none"> This product is a plant activity monitoring system Reports the real-time locations and utilisation data of construction plants on the online platform. Reports on the plants' activity can be generated for analysis 圖例 Legend: 14	
103	PA22-047	傳感器及物網聯 Sensors and IoT	卓儀設備有限公司 Brilliant Engineering Tel : 9824 3232	手動制動器警報系統 <ul style="list-style-type: none"> 下車時如果手動制動器未有正確拉緊，系統會向駕駛員發出警告。 實時數據將傳輸到管理平台。 Handbrake Alert System <ul style="list-style-type: none"> This system alerts the driver exiting the vehicle if the handbrake is not properly applied. Real-time data is transmitted to the management platform 圖例 Legend: 14	
104	PA22-048	傳感器及物網聯 Sensors and IoT	PLINX www.PLINX.io	PLINX (只有英文名稱) <ul style="list-style-type: none"> PLINX是一款工人位置監察系統 可根據工人身份和目的而限制進入潛在高風險區域，例如吊運和機械移動區域。 警報訊息能通過短訊和電子郵件發送給主管。 PLINX <ul style="list-style-type: none"> PLINX is a worker movement monitoring system Designed to restrict access to zones based on role and purpose to areas with a high potential of danger such as lifting and plant movement zones. Instant alert would be sent to supervisors via SMS and email. 	

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105	PA23-001	數碼化 Digitalisation	Inmarserv Limited www.inmarserv.co	<p>Safetymint (只有英文名稱)</p> <ul style="list-style-type: none"> · 數位化的安全管理平臺。 · 能有效列出和監控各安全流程。 · 其模組包括事故和未遂事故管理、安全審核管理、工作許可系統以 <p>Safetymint</p> <ul style="list-style-type: none"> · Digitised safety management platform designed · For the listing and monitoring of an organisation's safety · Its modules include Incident and Near Miss Management, Safety Audit Management, Permit to Work System and 	
106	PA23-003	先進工具及設備 Advanced Tools and Equipment	Asia Pacific Industrial Safety Equipment Tel : 2592 2100	<p>Blackline Safety G7c (只有英文名稱)</p> <ul style="list-style-type: none"> · Blackline Safety G7c是便攜式氣體檢測儀和工人安全狀態監測設備。 · 測量數據可上傳至在線管理平台進行安全信息分析。 · 具有對講機功能。 <p>Blackline Safety G7c</p> <ul style="list-style-type: none"> · Blackline Safety G7c is a portable gas detector and worker's safety status monitoring device. · Data of measurements can be uploaded to management portal for safety information analytics. · Handheld Transceiver (HT) or Walkie-Talkie. 	
107	PA23-004	傳感器及物網聯 Sensors and IoT	Hornbird Technology Tel : 9238 8384	<p>4G Industrial Smart Watch Model : HB09 (只有英文名稱)</p> <ul style="list-style-type: none"> · 可檢測佩戴者的體溫、心率、血壓和位置。 · 數據可以通過移動和網絡應用程式提供給管理層，用於監控工人的出勤率、安全和生產力。 · 提供語音和視頻通話功能，並在檢測到突然跌倒、延長靜止狀態或進入危險區域時向管理層發送警報。 <p>4G Industrial Smart Watch Model : HB09</p> <ul style="list-style-type: none"> · Detect the wearer's body temperature, heart rate, blood pressure and location. · Measured data is available to management via a mobile and web application for the monitoring of workers' attendance, safety and productivity levels. · offers voice and video calls capabilities and alerts are sent to management when sudden fall, extended stationary state or intrusion into a fatal zone are detected. <p>圖例 Legend: 14</p>	
108	PA23-012	傳感器及物網聯 Sensors and IoT	Tak Lee Machinery Company Limited Tel : 2488 8888	<p>X-Watch XW5 (只有英文名稱)</p> <ul style="list-style-type: none"> · 重型機械的附加安全裝置。 · 提供限制機器的最高伸展範圍、前/後/左/右極限位置、挖掘深度和其他預設部件旋轉角度等安全功能。 · 可用於設置虛擬牆屏障、負載能力監控和提供實時警報。 <p>X-Watch XW5</p> <ul style="list-style-type: none"> · Device for heavy machineries · To provide safety features such as limiting the machine's highest reach, front/rear/left/right extreme positions, excavation depth and other preset component rotation · Setting up of virtual wall barriers, load capacity monitoring and giving real-time alerts. 	

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109	PA23-014	傳感器及物網聯 Sensors and IoT	WeWealth Electronic Innotech Ltd. Tel : 3146 3168	Smart Safety System (只有英文名稱) <ul style="list-style-type: none"> 用於健康和位置監控的傳感器。 放置在室內或致命和限制區域的藍牙發射器時，能提供佩戴者的室內定位及接近危險區域時的警告。 Smart Safety System <ul style="list-style-type: none"> For the health and location monitoring. Bluetooth beacons are placed indoor and in fatal & restricted zones to track wearer's indoor position and offer proximity warning to danger areas. 	
110	PA23-017	數碼化 Digitalisation	Spatial Technology Tel: 2636 6102	Construction Data Management Portal (CDMP) (只有英文名稱) <ul style="list-style-type: none"> Construction Data Management Portal (CDMP) 是一個中央處理管理平台。 可以讓團隊能夠實時進行智能現場管理、監控施工進度。 幫助根據提供的信息做出決策。 Construction Data Management Portal (CDMP) <ul style="list-style-type: none"> A centralised portal. Enabling site stakeholders to conduct real-time smart site management, monitor construction progress. Assist decision making based on the presented information. 	
111	PA23-018	傳感器及物網聯 Sensors and IoT	CSC Robotic Engineering Tel : 2426 3123	Megcube-B4H04-311-N0 Megcube-B4H08-311-N0 Megcube-B4H16-311-N0 (只有英文名稱) <ul style="list-style-type: none"> 產品為 4、8 和 16 頻道的人工智能運算器 基於閉路電視系統（非供應商銷售產品）的影像監控安全情況。 這系統可以向相關人員提供與工人安全、區域入侵和不當工作行為警報。 Megcube-B4H04-311-N0 Megcube-B4H08-311-N0 Megcube-B4H16-311-N0 <ul style="list-style-type: none"> These products are 4, 8 and 16 channel A.I. computing boxes. Offer safety monitoring and alerts based on multi-channel video feeds from the CCTV system (not sold by the supplier). The boxes can provide relevant personnel with various types of alert notifications related to worker safety, zone intrusion and improper work behaviour. 	

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112	PA23-025	傳感器及物網聯 Sensors and IoT	Ailytics weizhuang.tan@aitytics.ai	<p>AiSafety v2.0 (Modular) (只有英文名稱)</p> <ul style="list-style-type: none"> 基於人工智能運作的安全和生產力監控系統。 可以在使用現有視頻源提供分析。提供了可操作的介面。 可以提高現場安全並提高運營效率。 本產品能夠在惡劣環境中運行，利用 2D 轉成 3D 技術解決工地事項。 <p>AiSafety v2.0 (Modular)</p> <ul style="list-style-type: none"> An A.I. based safety and productivity monitoring system. Designed to provide video analytics using existing video feeds. Actionable insights are given to enhance site safety and maximize productivity of operations. The solution is hardware agnostic and it is able to operate in harsh environments to solve some of the industry's toughest challenges with the patented 2D to 3D technology. 	
113	PA23-026	先進工具及設備 Advanced Tools and Equipment	SANY Hong Kong Group Ltd. liuyi@sanyasia.com.hk	<p>SANY Crane Model: SAC1200E (只有英文名稱)</p> <p>最大起重重量120噸、7節66米臂、雙發動力系統，配重可變位至940mm的起重機。</p> <p>MachineLink+ 提供在電腦或移動端顯示機器狀態。</p> <p>設有位置監察和防盜等功能，確保搬運及機器安全。</p> <p>SANY Crane Model: SAC1200E</p> <ul style="list-style-type: none"> With a maximum lifting capacity of 120 tons equipped with an up to 66 meter 7-section jib, a twin power system and a variable counterweight of up to 940mm. MachineLink+ provides monitoring of the operating status of the machine displayed via computer or mobile Come with location monitoring and anti-theft features. 	
114	PA23-027	先進工具及設備 Advanced Tools and Equipment	B.S. Crane Co., Limited 1275883736@qq.com	<p>BS Crane Model: BS700S.8, BS728S.8, BS800S.8, BS900S.8, BS1000S.9, BS1380S.9, BS2300S.8 (只有英文名稱)</p> <ul style="list-style-type: none"> 能實時監察各支撐腳撐的長度和接觸地面的情況，從而減低因操作員失誤而造成貨車傾翻的風險。 安全系統檢測到吊機處於非安全狀態下，便會自動限制吊機的起重能力直至操作員收縮吊臂至安全長度。 <p>BS Crane Model: BS700S.8, BS728S.8, BS800S.8, BS900S.8, BS1000S.9, BS1380S.9, BS2300S.8</p> <ul style="list-style-type: none"> The safe load monitoring system can detect the extension of outriggers and the condition of the supporting ground to reduce the risk of tipping over caused by human error. When the safety system detects that the hoist is in an unsafe state, the lifting capacity of the crane will be automatically limited until the operator retract the boom to 	
115	PA23-028	傳感器及物網聯 Sensors and IoT	GreenSafety Technology Tel: 2662 6460	<p>Blindspot Detection System (只有英文名稱)</p> <ul style="list-style-type: none"> 通過攝像頭提供的實時圖像進行分析來確定車輛與檢測到的障礙物之間的距離。 可以向駕駛員發出警告以防止發生事故。 <p>Blindspot Detection System</p> <ul style="list-style-type: none"> This product is able to determine the distance between a vehicle and the detected obstacles through real-time image analysis facilitated by the onboard camera. Warnings are given to the driver to prevent accidents. 	

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116	PA23-029	傳感器及物網聯 Sensors and IoT	Infotronic Technology Tel: 9106 7601	<p>IoT, BLE, GPS, Mobile Technology, Artificial Intelligence (只有英文名稱)</p> <ul style="list-style-type: none"> 通過無線方式收集工人的位置、狀況和考勤記錄等數據進行位置監控。 這些數據會被傳輸到遠程服務器進行分析，方便執行安全改進和管理。 <p>IoT, BLE, GPS, Mobile Technology, Artificial Intelligence</p> <ul style="list-style-type: none"> This product is a location-based monitoring system which worker's data such as location, conditions and attendance records are collected wirelessly. Those data would be transmitted to a remote server for analysis for safety improvement and management purposes. 	
117	PA23-031	自動化及機械化 Automation and Robotics	SquareDog Robotics Limited Tel: 3797 6728 / info@sqaredogr obotics.com	<p>SQD-Robo Cutter (只有英文名稱)</p> <ul style="list-style-type: none"> 由合格人員操作的火焰切割機械人。 與傳統的手持切割方法相比，機器輔助火焰切割可提供更高質量的切割。 <p>SQD-Robo Cutter</p> <ul style="list-style-type: none"> A flame cutting robot designed to be operated by a qualified personnel for onsite use. Machine assisted flame cutting produces could provide higher quality cutting results when compared to traditional handheld methods. 	
118	PA23-033	自動化及機械化 Automation and Robotics	Guangdong Bright Dream Robotics Co Ltd Desmond.Hong@bgy.com.hk	<p>地坪研磨機器人</p> <ul style="list-style-type: none"> 地坪打磨機器人用於清除混凝土表面的浮漿。 在通過編程和機載接近傳感器識別障礙物和邊界後，機器人可以執行自動磨削過程。 通過自動化實現更高的生產率。 <p>地坪研磨機器人 (只有中文名稱)</p> <ul style="list-style-type: none"> The floor grinding robot is used to remove laitance on concrete surface. The robot could initiate an automatic grinding process after obstacles and boundaries are identified through programming and the onboard proximity sensors. A higher productivity rate is achieved through automation. 	
119	PA23-034	自動化及機械化 Automation and Robotics	Guangdong Bright Dream Robotics Co Ltd Desmond.Hong@bgy.com.hk	<p>地坪漆塗敷機器人</p> <ul style="list-style-type: none"> 地坪漆機器人結合位置傳感器和BIM技術，實現自主導航和智能路徑規劃。 能夠自動完成地面塗裝工作。 通過改變不同的油漆工具和工作模式，機器人可以適應不同的油漆類型和表面。 <p>地坪漆塗敷機器人 (只有中文名稱)</p> <ul style="list-style-type: none"> The floor painting robot combines location sensor and BIM technology for self-navigation and intelligent path It is able to automatically complete the ground painting works. By changing different painting tools and working modes, the robot can adapt to different paint types and surfaces. 	

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120	PA23-035	數碼化 Digitalisation	Water Cube Technology Company Limited Tel: 6300 8205 / info.watercube@gmail.com	<p>ProSite Management System (只有英文名稱)</p> <ul style="list-style-type: none"> 本產品為包含智能頭盔和具備增強現實雙筒望遠鏡的企業資源規劃 管理的套件。 該系統使設計和施工人員能夠快速獲得現場解決問題和決策的遠程支持。 <p>ProSite Management System</p> <ul style="list-style-type: none"> A package consisting of Smart helmet + Augmented Reality (AR) binoculars with Enterprise Resource Planning (ERP) management system Enables design and construction personnel to receive remote support for problem solving and quick decision 	