شركة المستقبل لتكنولوجيا النظم **(فيوتك ـ سيستمز)**

The Future **for Systems Technology Co. (FuTech - Systems)**

COMPANY
PROFILE

About Us

FuTech – Systems Recognised as an industry leader in Assets Lifecycle Management, our priority is to deliver collaborative and results-driven Comprehensive software solutions for the infrastructure asset lifecycle tailored to the needs of the various professions, the engineers, architects, planners, contractors, fabricators, IT managers, operators and maintenance engineers, who will work on and work with that asset over its lifetime. Comprised of integrated applications and services built on an open platform, each solution is designed to ensure that information flows between workflow processes and project team members to enable interoperability and collaboration.

Facilities	**IT & Telecommunications**	**Manufacturing**	**Water & Wastewater**
Power Generation	**Process Manufacturing**	**Oil & Gas**	**Transportation**

All **FuTech – Systems** Products are International will known Products, produced by reputable companies and supported by **FuTech – Systems** professional Services (P.S).

Professional Services follows Standard Methodology in implementing such solutions, continue support and provide services required in order to sustain client investment.

How We Work

FuTech – Systems actively listens to our customers and provides effective solutions to improve their business.

FuTech – Systems provide superior services through our team's experience, expertise, and hard work. We utilise the best of the practise approach: the global standard for project management to deliver consistent results.

FuTech – Systems establish long-term relationships by ensuring 100% customer satisfaction from implementation, support through to future upgrades. We tackle problems that some competitors regard as too difficult. We never give up.

FuTech – Systems invest heavily in our systems add on Solutions, people and skills, so that we can offer the best possible service from the best consultants in the market.

- ## Bentley® Engineering Design Software Solutions

Bentley delivers solutions for the entire lifecycle of the infrastructure asset, tailored to the needs of the various professions the engineers, architects, planners, contractors, fabricators, IT managers, operators and maintenance engineers who will work on and work with that asset over its lifetime. Comprised of integrated applications and services built on an open platform, each solution is designed to ensure that information flows between workflow processes and project team members to enable interoperability and collaboration.

Bentley's solutions reflect the rich domain expertise of our software development teams enhanced by our strategic acquisitions as well as our active engagement with our user organizations. Our solutions are further extended through our Be Communities professional networking website, created specifically to empower the sharing of best practices, ideas and content by infrastructure solutions communities.

Bridges

The Bentley bridge solution is the most extensive offering in the industry, composed of a family of software that addresses virtually any bridge type, both existing and new structures.

Buildings

The Bentley BIM solution empowers the design, construction, and operation of all types of buildings and facilities around the world. Generative Design lets architects and engineers pursue designs and achieve results that were virtually unthinkable before.

Campuses

The digital campus model is an enterprise solution to facilitate design collaboration, support construction delivery and leverage facility information for operations and maintenance.

Communications

The Bentley communications solution delivers easy-to-use field or Web viewing tools, intelligent engineering work order creation, sophisticated network engineering and end-to-end network modelling and management.

Factories

Bentley offers a comprehensive solution for the factory lifecycle. The digital factory solution comprises an integrated network of digital models, methodologies, and toolboxes that integrate the planning and design of manufacturing facilities with the manufacturing process.

Government

All the necessary tools for the registration and maintenance of parcels and parcel-related data for governmental and non-governmental organizations, as well as those needed to develop,

realize and maintain any land development project, regardless of industry.

Mining and Metals

The Bentley solution for mining and metals offers both short term and long term benefits to help increase the efficiency of capital projects associated with the design, procurement, and construction of mines and processing plants.

Power Generation

The Bentley solution for Power Generation delivers an integrated suite of applications encompassing all engineering disciplines involved in the design, construction and retrofit of many types of power generation facility – fossil, nuclear and renewable.

Process Manufacturing

The Bentley solution for process manufacturing provides a comprehensive solution for conceptual design, detail design, operation and maintenance with applications that natively support the ISO15926 data model and data connectors from existing applications that facilitate interoperability across the plant lifecycle.

Rail and Transit

Bentley delivers the solution for the rail and transit lifecycle, from data collection and design to maintenance and capital project planning. Bentley is a proven, trusted supplier to the world's rail community.

Roads

Transportation authorities and engineering consultants around the world depend on Bentley road solutions, which have repeatedly proven their value on projects with the most demanding requirements. In North America, these tools are the standard for 47 of the 50 U.S. state departments of transportation, the FHWA, USDOT, and the U.S. Army COE.

Utilities

From 3D substation layout, cable wiring and management, transmission corridor visualization to distribution design and estimating, Bentley has the solution to design, build, and operate the utility of the future.

Water and Wastewater

Bentley's fully-integrated water and wastewater solution has capabilities in mapping and data management, information sharing and collaboration, hydraulics simulation and analysis, design and construction documentation, field engineering and inspection, and operations and maintenance.

- IBM Maximo® Asset Management

The Asset Management solution from IBM Maximo ® takes the power, performance and possibilities of enterprise asset management to an entirely new level. Built on a single software platform, Maximo Asset Management delivers a comprehensive view of all asset types' production, facilities, transportation and IT across your enterprise. This holistic perspective allows you to see all of your assets, as well as identify all of the untapped potential within them. You gain the knowledge and control you need to closely align your organization's goals with the overall goals of your business.

Get everything you need to optimize your assets and your business Consisting of six key management modules asset, work, service, contract, materials and procurement management The IBM Maximo Enterprise Asset Management solution is what you need to optimize the performance of every asset. To help maximize return on assets, Maximo Asset Management enables you to develop comprehensive programs for preventive, predictive, routine and unplanned maintenance. Together, these programs contribute to your goals of reducing costs and increasing asset uptime.

When you use Maximo Asset Management to help maximize the performance and lifetime value of complex assets and closely align them with your overall business strategy. The end results:

- Improve return on assets.
- Decrease costs and risk.
- Increase productivity.
- Improve asset-related decision making.
- Increase asset service delivery responsiveness and revenue.
- Facilitate regulatory compliance efforts.
- Lower total cost of ownership.

Turn knowledge into decision-making power and asset performance with IBM Maximo Asset Management

Maximo Product

- **IBM Maximo Asset Management**

    An EAM software system that provides comprehensive support for your asset, maintenance, resource and parts supply chain management needs.

- **IBM Maximo Mobile Work Manager**

    A mobile asset and work management software solution that enables maintenance and operations technicians to work with IBM Maximo data and processes in the field with mobile devices using various remote communication methods.

- **IBM Maximo Spatial Asset Management**

  Enables users to capture, analyze, and display assets, locations, and work orders in a geospatial perspective.

- **IBM Maximo Calibration**

  A fully integrated part of IBM Maximo Asset Management, and used to calibrate tools & measurement equipment, and standards to optimize the quality of products produced.

IBM Maximo Enterprise Asset Management Verticals Solution

- IBM Maximo Industry Solution for Nuclear Power
- IBM Maximo Industry Solution for Utilities
- IBM Maximo Industry Solution for Oil & Gas
- IBM Maximo Industry Solution for Service Providers
- IBM Maximo Industry Solution for Government
- IBM Maximo Industry Solution for Transportation
- IBM Maximo Industry Solution for Life Sciences

- **Smart Building Solutions**

A smart building is the integration of building, technology, and energy systems. These systems may include building automation, life safety, telecommunications, user systems and facility management systems. Smart buildings recognize and reflect the technological advancements and convergence of building systems, the common elements of the systems and the additional functionality that integrated systems provide. Smart buildings provide actionable information about a building or space within a building to allow the building owner or occupant to manage the building or space.

Smart buildings provide the most cost effective approach to the design and the deployment of building technology systems. The traditional way to design and construct a building is to design, install, and operate each system separately. A smart building takes a different approach and integrates the design and installation of the systems. This process reduces the inefficiencies in the design and construction process, saving time and money.

Smart buildings leverage mainstream information technology infrastructure, and take advantage of existing and emerging technology. For building developers and owners, smart buildings increase the value of a building. For property and facility managers, smart buildings provide more effective subsystems and more efficient management options, such as the consolidation of system management. For building architects, engineers`, and construction contractors, it means combining portions of the design and construction, with resulting savings in project management and commissioning time.

Maintenance Management	**Public Address System (PA)**	**Lighting Control**	**Security & Monitoring**
Data Networking	**Voice Systems**	**Nurse Call Systems**	**Video Streaming**
MATV/SATV	**Fire Alarm**	**Process Control**	**Fire Fighting**

• Professional Services

Application Integration

FuTech - Systems develops dynamic interfaces from the Maximo database to the client third party system(s). Development of interfaces greatly expands the functionality and usability of FuTech - Systems in many organizations.

With an application interface, data is seamlessly transferred between applications providing timely, accurate and reliable data from a single source. This allows information to be shared across your departments and divisions with ease. It also reduces the possibility of islands of information being created that serve only one department's needs.

Interfaces help:

- Remove shadow systems from an organization
- Reduce overhead activities and costs
- Improve the integrity of the information used for decision-making

A **FuTech - Systems** project manager, along with our integration team, will work with you to configure the integration as efficiently as possible. Our commitment is minimizing start-up costs to keep the project on-time and on-budget.

Sample of Integration Gateway

- ✓ MAXLINK for DCS/BMS System Integration
- ✓ MAXDOC BRIDG Gateway for Bentley Engineering Document Management System EDMS

Asset / Inventory Survey

The lack of good data about the assets/inventory owned by a facility can slow down a successful CMMS/EAM implementation. Many clients begin a software implementation only to discover they do not have the resources needed to survey and enter their asset and inventory data. FuTech - Systems has a trained, efficient staff dedicated to gathering and inputting this data so that the software can be used to its fullest capacity.

When the survey is finished, the client has a complete database of maintainable items linked to preventive maintenance (PM) schedules derived from industry standards such as RS Means and manufacturer O&M manuals. These PM schedules are balanced over a 12-month period to eliminate any peaks and valleys that could impact your labor scheduling.

With **FuTech - Systems** Asset/Inventory survey service, turnaround and implementation time are greatly reduced.

Asset/ Inventory Survey Services Includes but not limited to:-

- Plant Location Hierarchy
- Asset Data Collection
- Asset Location Association
- Asset Classification

- Asset / Location Criticality Assessment.
- Asset Spare Parts Association.
- Spare Parts Classification.

Consulting

FuTech - Systems consultants have years of experience with CMMS/EAM installations, and understand asset maintenance needs in various industries. Consultants are available to help you identify gaps and improve operations in your maintenance program.

Customization

FuTech - Systems recognizes that it is often more expedient for clients to have software that fits into their business processes rather than the other way around. Unlike other maintenance management products, **FuTech - Systems** offers the flexibility and configurability to handle nearly all of our customers' needs without customization. However, **FuTech - Systems** does offer customization services for those who require more. Each custom request is discussed, outlined in a specification, priced and documented for your approval before any work commences.

Data Conversion

We understand that you already have important data you want to retain and access when needed. That's why we employ skilled data conversion experts to move that data into our **FuTech - Systems** program. Our experts will work with you to

- **Develop a list of information that must be downloaded from other systems**
- **Provide a detailed description of the information to be converted**
- **Determine the best possible method of downloading and converting the data into the relational table structure of the database**

The actual conversion does not occur until you approve the conversion plan and a conversion date is established. When finished, the program will contain your data and be ready for immediate use.

Installation

Software installation can make or break an implementation project. That's why **FuTech - Systems** prefers to install the software for you at your site. While there is nothing complicated about the installation process, our experienced installers know the program and the "ins and outs" that are required to install the program the right way the first time. They know the questions to ask of your network personnel to finish the installation efficiently resulting in a program that is ready to be used immediately.

Project Management

Competent, efficient project management ensures that any project undertaken by **FuTech - Systems** will be completed on-time and on-budget. **FuTech - Systems** project managers follow Project Management Institute standards and guidelines as outlined in the Project Management Body of Knowledge (PMBOK Guide). The key to a successful project is the ability to identify and clarify both the project scope and schedule at project onset to minimize misunderstandings later in the project. Scope changes are managed through a change control process that ensures all changes are well thought out, fully understood and approved before being implemented. **FuTech - Systems** project managers know the value of successful communication and are in direct touch with key stakeholders throughout the life of the project. All stakeholders are kept apprised of the project status on an ongoing, routine basis until everyone agrees the project is complete.

Technical Support

We understand that technical support is an important part of any successful maintenance management operation. Our support personnel are experienced and certified in using our **FuTech - Systems** products. We provide toll-free telephone, fax, and email support through our Support Services Department. We also provide support by remote access via a live computer link so that we can look directly at your problem and resolve it quickly.

Training

FuTech - Systems offers training programs designed to fit your needs. Our project manager will work with you to develop a robust training program or revise an existing plan while keeping training costs to a minimum. Our training programs are very flexible and include on-site training, video conference training or computer based training, or a combination. Follow-up training is always available as well.

- *Open Schools,* held at **FuTech** - **Systems** learning centres, are open to users from different companies and provide an excellent opportunity to learn from and share with peers in other industries.
- *Customer Site Schools,* held at customer premises, are a convenient and cost-effective way to train number of users at the same time.
- *Client-focused Training* is specialized training developed at your request to address your company's unique needs. This training is provided by a dedicated consultant-trainer, who works with you to build a program tailored to specific, even one-time needs. Our trainers can work with groups or with individuals.

Partners

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About FuTech ‑ Systems

FuTech - Systems is a privately held of end—to end comprehensive Low Voltage solutions for the infrastructure lifecycle. We believe in the vital role that infrastructure must play both in sustaining society and in sustaining the environment. **FuTech - Systems** Provides proven Solutions & Services that help engineers, architects, contractors, governments, institutions, utilities and owner-operators design, build, operate & maintain more productively, collaborate more globally and deliver infrastructure assets that perform more sustainably

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