

# **Empowering business transformation**

in the architecture, engineering and  
construction domain





## **Innovative software products and solutions for digital revolution**

in AEC, urban infrastructure and  
smart cities

Being a leading software products company in the AEC space, we have been delivering path breaking products and solutions for over 22 years. Conceptualized and developed with deep domain expertise, our products have acquired market recognition. Our flagship product AutoDCR® is the pioneering software for the automation of construction permits approval process. Be it government initiatives to build smarter cities or the dynamically expanding construction industries, our products AutoDCR®, PWIMS™, OPTICON™, BIMDCR® and RuleBuddy are designed to drive the future of digital revolution in AEC, urban and public infrastructure domains. Our products are aimed at creating smarter solutions for our clients and the industry.



## SoftTech - A Snapshot



**22+**

Years

of business  
experience



**500,000+**

Construction Permits

Covering over  
50 million + sq ft



**20,000+**

Software Users



**500+**

Customers Served

Across government bodies,  
smart cities and  
enterprises in construction  
& infrastructure  
industry



**7+**

Products

Pioneering products  
enabling digital  
transformation



**550+**

Team

Highly qualified and  
motivated technocrats led by  
visionary CEO



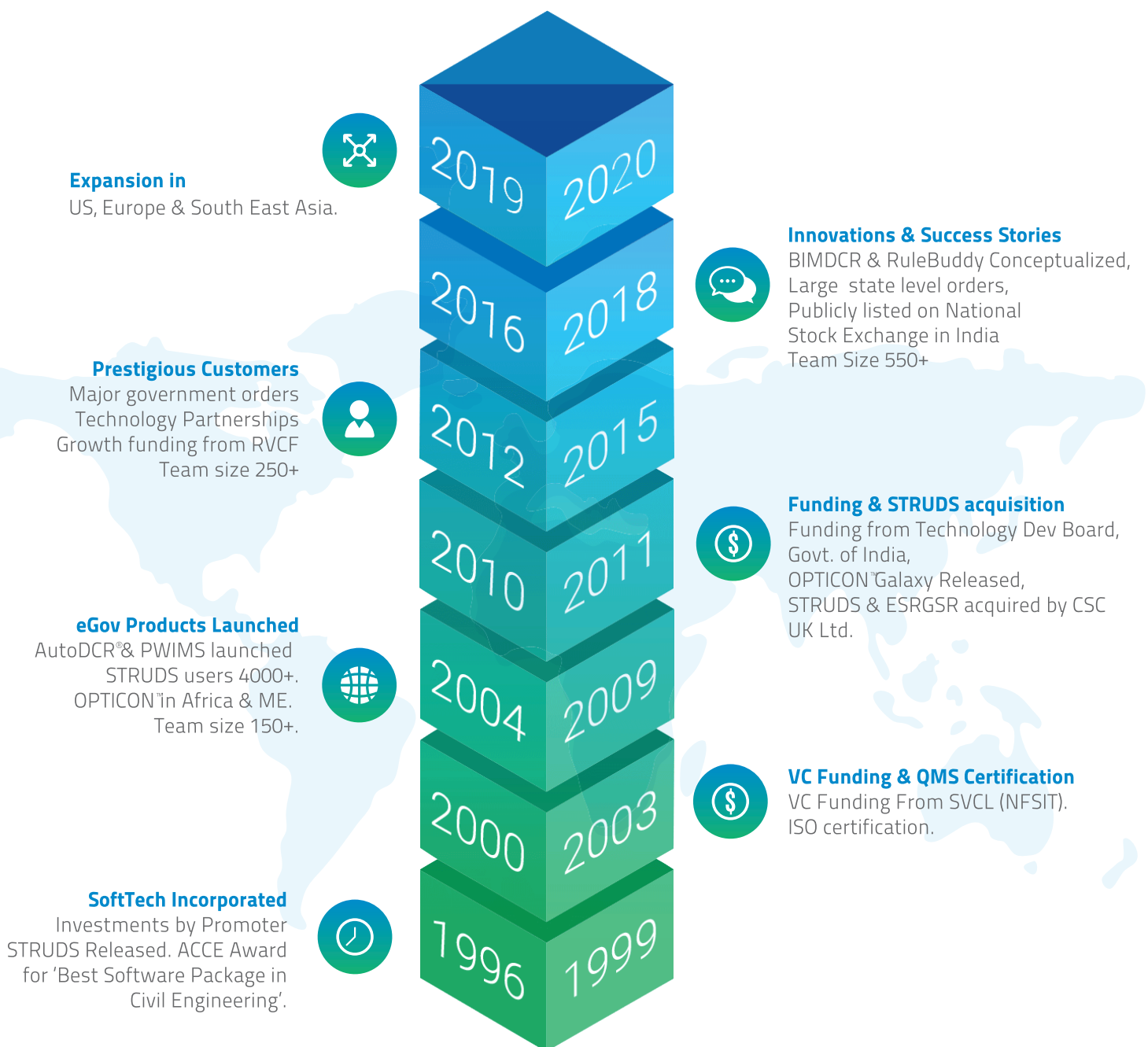
"Continuing SoftTech's amazing success story in India, we're poised to serve the customers in US, especially the Federal & State Government organizations to automate their processes for issuing construction permits & managing infrastructure projects. The potential to adopt such new solutions is enormous and we're all geared up to add value to our customers."

**Bill Yarnoff - President, SoftTech Government Solutions Inc.**

# Industry leading software products

Built with the vision to partner in the smart cities initiative, ease of doing business and a technologically superior construction industry

Started in 1996, SoftTech is now a group of companies spread across globe, with presence in USA, Europe and India. Our vision is to create innovative software & intellectual property in the architecture, engineering & construction (AEC) domain. Over the years, we've created some of the most technologically advanced products in our focus area, which are a testimony to the innovative spirit & passion that drives us.



# Delivering high business efficiency

For counties, state/ federal governments, urban & town planners, general contractors and real estate companies



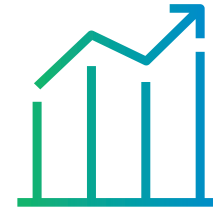
## Delivering solutions with deep industry knowledge and insights

Having a singular industry focus enables us to create unique product solutions that are well entrenched in the critical industry need gaps. This not only enables us to become pioneers but also solution creators with a long-term growth potential. It's our 22+ years of construction industry domain expertise, that enabled us to create advanced enterprise solutions.



## Continuous innovation and revolutionizing the products that lead the market

So far we have innovated, developed and commercialized seven independent software products. Our latest technology products offer 2D CAD and 3D BIM based intelligent and machine learning driven technology which eliminates human intervention. Cloud technology enabled products, backed with Business intelligence (BI) tools are offered as "SaaS". Our dedicated R&D team is constantly researching on for adoption of latest technologies like Artificial Intelligence (AI), Augmented Reality (AR), Virtual Reality (VR) and Internet of Things (IoT).



## Strategic approach to business growth

We strive to innovate continuously, to augment our offerings and to expand our horizons. And we're resolutely marching into our future as an MNC establishing strong global footprint. Our strategic alliances and partnerships in key locations are ready to take our products across the world.

We've been recognized on numerous occasions for our spirit of innovation. Our projects have been bestowed with two international awards apart from six national awards from Indian institutions.

## Products:

- ▶ AutoDCR®
- ▶ PWIMS™
- ▶ OPTICON™
- ▶ BIMDCR®
- ▶ RuleBuddy



**AutoDCR<sup>®</sup>**

## The technology to deliver on the plan for smart cities

Proven e-Governance solution for single window clearances

AutoDCR<sup>®</sup> is an innovative building plan check and approval system for construction permits. It reads the CAD drawings and checks them for compliance with the relevant building codes to facilitate approval by competent authorities. It is being used in 500+ counties & municipalities in India. Seamlessly integrated to online approval workflow to track the proposals with associated documents verification and site visits, it can also be accessed through mobile devices.

### Advantages:

- ▶ **Uniformity and Compliance** - The approval is based on uniform interpretation of building codes bringing in uniformity and compliance.
- ▶ **Acceleration** - AutoDCR<sup>®</sup> accelerates the e-plan review process by eliminating lengthy and cumbersome computations.
- ▶ **Process Innovation & Integration** - The transformation of the e-plan review and issuing construction permits through CAD and workflow technology brings in innovation in the process. All stakeholders concerned in the approval process are brought together on a single platform.
- ▶ **Accountability** - Authorized roles and responsibilities are mapped and MIS reports are generated to help track process efficiency.
- ▶ **Transparency** - Subjectivity in the plan review and permitting process is totally eliminated and clear reasons are stated for approvals or rejections.

### Who is it for:

- ▶ Counties and municipalities administration
- ▶ Smart city managers
- ▶ Permitting authorities
- ▶ Architects, Town Planners and Designers



AutoDCR<sup>®</sup> is the most widely used AEC software for e-Governance of e-plan review and construction permitting, with 500+ municipal bodies served across India.

## Enabling smarter management for public works organisation

From buildings to roads to infrastructure, PWIMS™ makes every aspect of infra projects management more system and technology driven

The Public Works Information Management System (PWIMS™) is a web-based commercial-off-the-shelf (COTS) application for managing all the core functional processes across the project lifecycle including budgets, estimations, financial & technical financial & technical approvals, e-tendering, contract management, monitoring and billing.

### Advantages:

- ▶ Improved productivity
- ▶ Effective usage of limited resources
- ▶ Increased visibility and intelligence

### Process integration:

Combining all the processes from budgeting to approvals to cost estimation to contractor and project management, PWIMS™ allows integration with generic processes like accounting, staff management and asset management. This enables administration to track and monitor infra projects on real time basis.

### Who is it for:

- ▶ Department of Public Works
- ▶ County/ City Municipal Administration
- ▶ General Services Administration
- ▶ Water & Sewer Authorities
- ▶ Government organizations managing urban infrastructure & rural development

PWIMS™ is a web & mobile app based commercial-off the-shelf (COTS) application for managing all the core functional processes across the project lifecycle



**OPTICON™**

## Driving the future of construction management

Focused Enterprise Resource Planning software that can optimize the entire process

With dynamically expanding construction industry, OPTICON™ shall help construction enterprises to manage their businesses in a seamlessly integrated manner.

Construction Management is a challenging field, and with expectations increasing day by day, a construction management software like OPTICON™ can help optimize the complete construction process. OPTICON™ is a full web & mobile app based ERP software that makes life easier for contractors and engineers.

OPTICON™ reads BIM model to generate BOQ, project schedules and resource calendars automatically. OPTICON™ seamlessly integrates Project, Finance, Procurement and Sales departments thereby enhancing efficiency of construction enterprise many folds. Leveraging mobile, OPTICON™ connects HO to Site on real time basis with site progress reports, reminders and alerts on time.

Integrated with Microsoft® Project®, QuickBooks accounting Software, SAP® Business objects BI and other business analytics tools, OPTICON™ allows you to go agile while adopting ERP system for your enterprise.

### Advantages:

- ▶ Allows visibility across the enterprise
- ▶ Enables seamless project tracking & control
- ▶ Uniform & transparent business information
- ▶ Aids in cost control
- ▶ Effective cash flow management
- ▶ Effective decision making

### Who is it for:

- ▶ Turn Key Contractors/General Contractors
- ▶ Infrastructure Companies
- ▶ Developers & Real Estate Companies
- ▶ Building Contractors

OPTICON™ is a web and mobile app based ERP software that makes life easier for contractors and engineers.



**BIMDCR®**

## Collaborative BIM based construction permit platform

Citizen Centric solution for automation in Building model review and permitting process

The online single window BIM based Construction Permit System is designed to benefit the entire project lifecycle in terms of its costs saving, minimizing wastage due to reworks, and maintaining uniform data across all stakeholders of the project.

### Advantages

- ▶ Single BIM model submission to various county & municipal administration offices
- ▶ Improved collaboration between Architects, Engineers and Contractors in the ecosystem
- ▶ Offers complete integration of all relevant processes in construction permitting
- ▶ Enables automatic review of building proposal by reading Building Models submitted by Applicant/Architect
- ▶ No deviations in building model approved by different departments
- ▶ All deviations are highlighted on the same model as per regulations
- ▶ 3D Visualization provides a better picture what a structure may look like in a plot/GIS city map

### BIMDCR is the next generation building code review software, which offers

- ▶ Smart city permission system
- ▶ Multi-departmental integrated single window approval
- ▶ Bringing together GIS enabled City mapping system with Multi departmental permissions
- ▶ End-to-end solution that caters to permission from design review to approval for habitation
- ▶ Identifies, reports and marks unauthorized constructions

### Who is it for:

- ▶ Counties and municipalities administration
- ▶ Smart city managers
- ▶ Permitting authorities
- ▶ Architects, Town Planners and Designers
- ▶ MEP & Utility Consultants & Contractors
- ▶ Fire & Rescue Departments



BIM based Building Approval System is designed to benefit the entire project lifecycle in terms of its costs saving, minimizing wastage due to reworks, and maintaining uniform data across all stakeholders of the project.

## RuleBuddy

# Enabling robust decision making and project planning

With an integrated portal that maps investment risk analysis and project feasibility

RuleBuddy provides investment risk and project feasibility analysis in a digitally accessible manner. A web & mobile app based platform, RuleBuddy is an innovative e-commerce portal to provide all the building codes and permitting process related information across counties under one roof. Conceptualized & fully developed in-house, RuleBuddy has an in-built capability for building code check for multiple counties.

It's a cloud based portal with all SMAC technology based features. Hence, it is a single stop arrangement which can answer all the necessary updated building codes, fees calculation, permitting queries and can provide project guidance through digital platform.

### Advantages:

- ▶ It facilitates consultants to get access to codes, calculations and permitting processes of various counties at one place.
- ▶ It has robust code compliance engine mapped for multiple counties through a single platform.
- ▶ It leverages the available building codes database with input based search functions to provide greater efficiency in obtaining permits.
- ▶ It is aligned with corporate strategy and objectives.
- ▶ It uses technology to improve the way we do business.
- ▶ Existing and timely updated rule engine, which assures authentic source of information and data integrity.
- ▶ It covers all product assumed risk, provide benefits, which were too difficult to define, and are suitably aligned with current corporate strategy and/or objectives.


### Who is it for:

- ▶ Real Estate Companies
- ▶ Architects and Consultants
- ▶ Project owners and Investors
- ▶ Financial Institutions funding real estate projects



RuleBuddy is an innovative e-commerce portal to provide investment risk analysis and project feasibility.

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22 years in  
architecture  
engineering and  
construction- solutions  
engineered on  
deep insights



## The SoftTech advantage for sustainable, futuristic growth

driven by technology, innovation and pioneering solutions:

- ▶ Proven expertise in developing innovative software and intellectual property in the architecture, engineering and construction (AEC) domains
- ▶ Enabling smart cities means smarter solutions that are driven by technology, and as a proven software for Automated CAD-based building code review and permitting process, AutoDCR® has a critical role to play
- ▶ Initiatives like e-Governance, digitization of public works management, greater speed and transparency, etc need solutions like PWIMS
- ▶ Proven products that help the Govt. organizations regulate single window clearances
- ▶ Construction Industry is poised to witness steady growth over the next decade and an integrated ERP solution like OPTICON™ will be the need of the hour
- ▶ Innovative options like BIMDCR® for the code review and permitting of 3D BIM models are designed for high-end technologically oriented future
- ▶ Unique solutions like RuleBuddy that enable architects and real estate professionals to understand the project feasibility and investments risk.

# Why SoftTech

## **Vision:**

To empower transformation in the AEC Industry by delivering tailor made, state-of-the art software offerings.

## **Mission:**

To ease building plan permit process while enabling automation of public works procurement and steadfastly delivering value to construction execution across global enterprises, thereby standing out as a niche software solution provider.

## **Core Values:**

Innovation, Transparency, Integrity, Punctuality.

"The velocity of construction is increasing where change is the only constant. In order to save time, efforts, cost in construction projects and minimize risk of all stakeholders, state-of-the art transformational automation is a necessity. Towards the latter, we endeavor to satisfy our partners in smoothening construction permit process, works management and construction execution."

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