



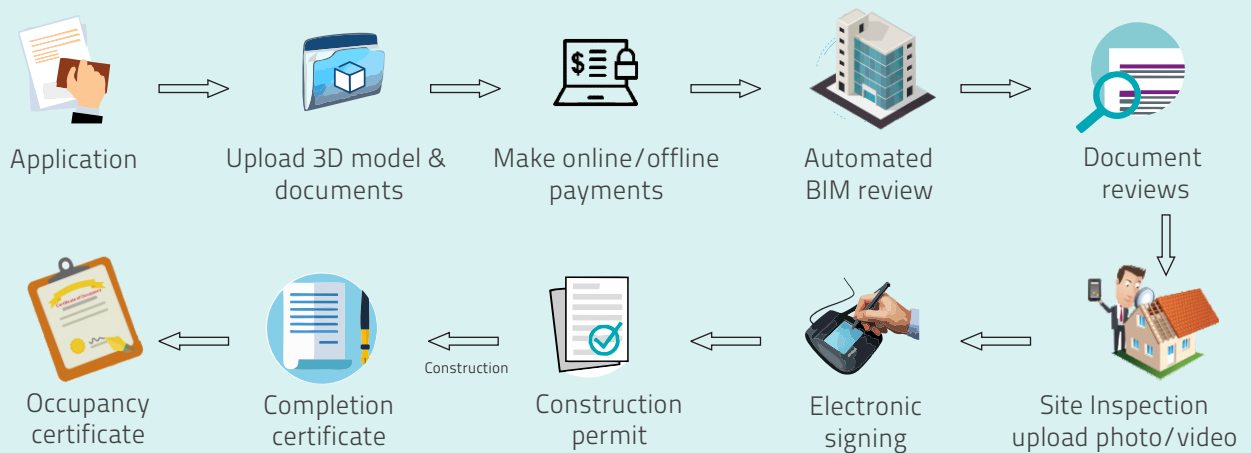
BIMDCR[®]

Collaborative BIM Based Construction Permit Platform

► Collaborative BIM Based Construction Permit Platform

Citizen centric solution for automation in building model review and permitting process.

The online single window BIM based permitting system is designed to benefit the entire project lifecycle in terms of cost saving, minimizing wastage due to rework and maintaining uniform data across all stakeholders of the project.



► Overview and Key Features

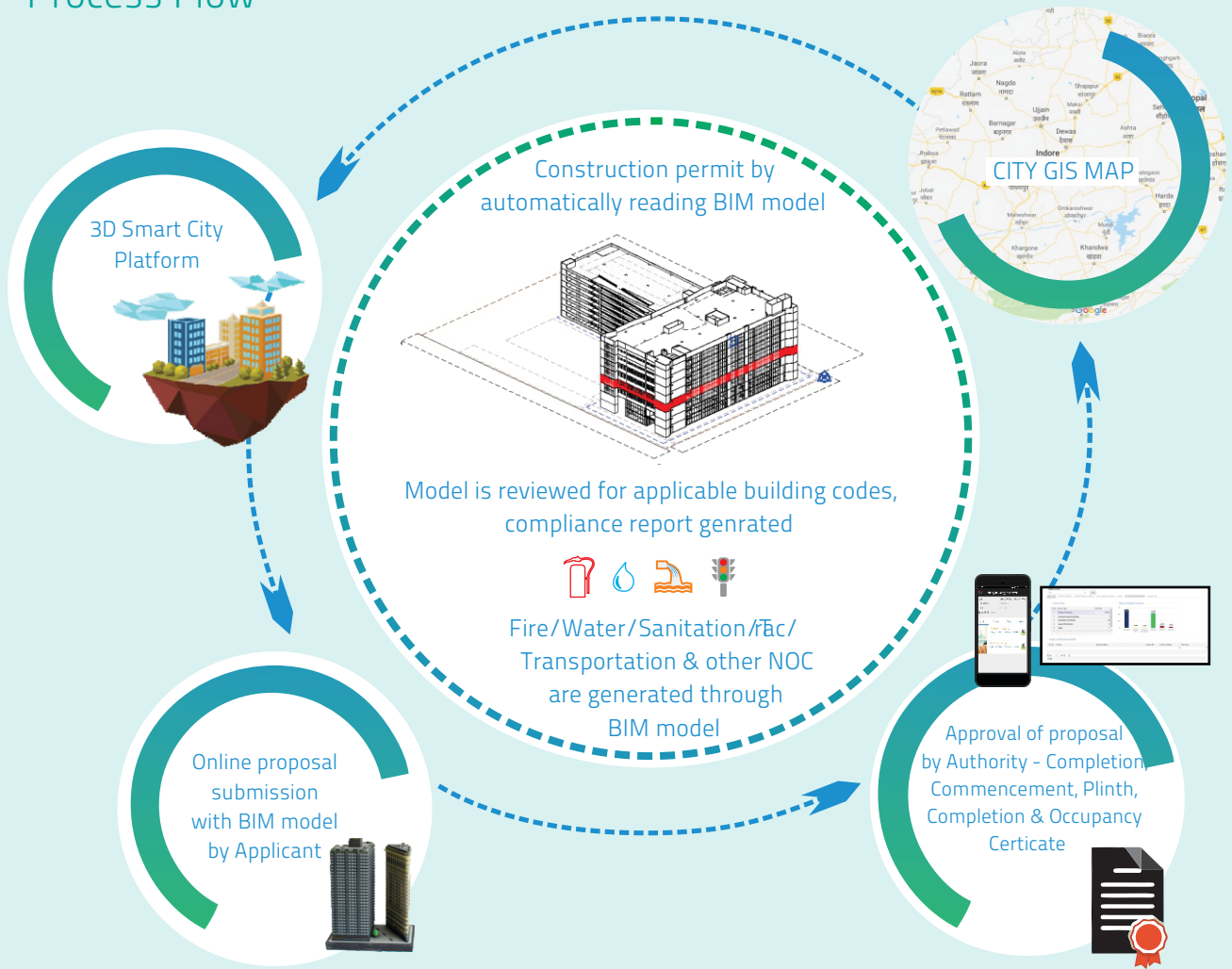
- **Process Integration - BIMDCR®** offers complete integration of all processes for issuing construction permits. It facilitates improved collaboration between architects, consultants and authorities of seamless exchange of information.
- **Acceleration - BIMDCR®** is powered with a BIM based intelligent engine, which automatically reads the 3D model of building and checks it for compliance with building codes. The engine highlights the parts of the 3D model which are deviant and generates compliance reports which are shared with all related stakeholders; cutting down overall time needed for issuing construction permits.
- **Uniformity & Compliance - Single BIM model is shared with the authorities for review and with connected** external & internal departments for issuing NOCs. Approved model can be used by Consultants and Contractors for execution & monitoring of construction projects.
- **Accountability - The Single Window Clearance System helps in tracking delays or errors and identifying their** causes, thereby enhancing efficiency and bringing in accountability.

► Who Is It For

- Counties and municipalities administration
- Smart cities managers
- Permitting authorities
- Architects, town planners and designers
- MEP & Utilities consultants & contractors
- Fire and Rescue department

BIM based Construction Permitting System is designed to benefit the entire project lifecycle in terms of costs saving, minimizing wastage due to rework, and sharing uniform data across all stakeholders of the project.

► Process Flow



► Leveraging Latest Tools and Technologies



AR/VR Based Inspections and Notifications



RFID/Sensors and cameras for Site Monitoring



AI/ML based analytics



IoT for disaster, safety and energy management



OCR image reading for document verification



GIS integration for city infrastructure planning

► Benefits to stakeholders



Citizens

- First Come First Serve.
- Transparency in approval process.
- Anywhere & anytime access.
- Simplification of procedure and process.



Architects

- Online submission, proposal tracking & alerts through SMS/ email.
- Uniform interpretation of building codes.
- Single BIM model for approvals, collaboration & construction execution.



Authorities

- Increased speed, efficiency and accuracy in permitting.
- MIS reports & evaluation of workforce efficiency
- Single BIM model for NOCs from various departments.
- Storage & archival of all digitized records.

► Some Prominent Customers



Municipal Corporation
of Greater Mumbai



Andhra Pradesh Capital
Region Development
Authority



RajCOMP
Info Services Ltd.



Chennai Metropolitan
Development Authority

Note: All logos depicted above belong to the respective corporations

► About SoftTech:

Started in 1996, SoftTech is now 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.

SoftTech[®]
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