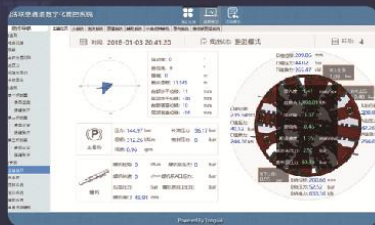
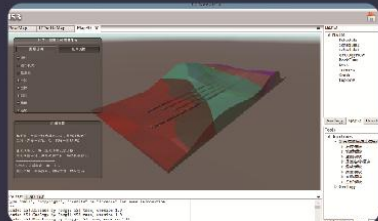


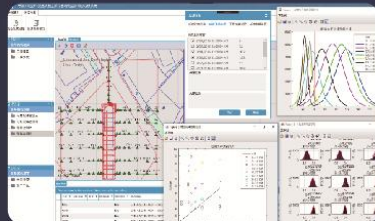
Shield tunnel life management



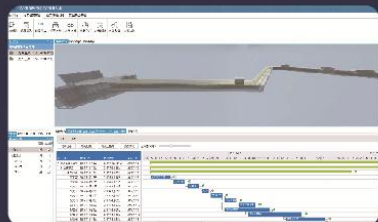
Shield tunnel construction control



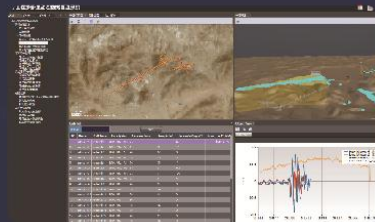
Mountain tunnel construction



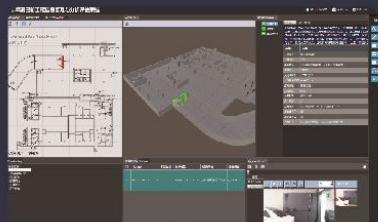
Foundation pit engineering



Utility tunnel life management



Geotechnical data management



Air-raid shelter management



Intelligent building system



基础设施全寿命数据采集、处理、表达、分析的  
一体化决策服务系统

infrastructure Smart Service System



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The first open source basic setting life information integration platform  
in the world

## What is iS3 iS3是什么

iS3 is short for Infrastructure Smart Service System, independently developed by Tongji University with fully intellectual property rights. iS3 provides smart operation system service for tunnels, roads, bridges, pipelines, deep excavation and other infrastructures to enhance infrastructure informatization to a brand new level.

Definition of iS3: A life-cycle infrastructure smart service system of data-acquisition, data-processing, data-representation, data-analysis and integrated decision service (2013).



## iS3 Advantage iS3优势

### 1. Life-cycle

Provide the whole life time data management during planning, survey, design, construction, operation and maintenance



(图中包含5个阶段: 数据数据采集、处理、表达、分析和服务)

### 3. Compatibility with BIM/GIS

Link to BIM/GIS models by unified data models



### 5. Open source platform code

Platform code is trusted on <http://github.com/iS3-Project>



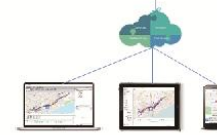
### 7. Comprehensive date standard

Define data standards in varied infrastructure fields and support the expansion of user-defined date standards



### 2. Cross-platform

Support access and application from PC, web and mobile terminals



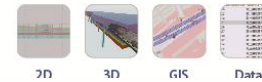
### 4. Secondary development

Provide data/graph access and plug-in tools



### 5. Visible interaction

Realize integral interaction of layout, section, 3D graph, and data graph



### 8. Various program interfaces

Realize data integration and sharing by providing a wide variety of hardware and software interfaces



## iS3 Product introduction iS3产品简介

### iS3 PC Edition

iS3 PC Edition stably supports ordinary personal users such as engineers, researchers, students etc. with iS3's basic function as the followings:

- To insert data from multi-type projects including CAD, GIS, BIM and other common software storage data;
- To provide friendly visualization and operation interface of projects;
- To provide 2D and 3D linkage of project data;
- To provide secondary development interface;
- To load multi-type online and local maps.



### iS3 Online Edition

On the basis of the function of iS3 PC Edition, iS3 Online Edition can provide online data management of life-cycle infrastructure and real-time loading of multi-type project data by cloud service, in order to support user-defined analysis tools.

