

## Infrastructure Planning & Execution: An efficient approach to master planning

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### Priority-based planning optimizes infrastructure investments

Successful master planning or facilities assessment must begin with the right framework. At Siemens, we call our approach IPEX, or Infrastructure Planning and Execution. IPEX is a more efficient and precise approach to traditional master planning. IPEX strategically integrates diverse stakeholder input with targeted benchmarking, facilities infrastructure assessment, and priority-based planning to efficiently yield more comfortable, efficient, reliable and sustainable environments that are less costly to operate.

Relative to traditional master planning, IPEX offers the following advantages:

- Enhanced stakeholder engagement
- Data-driven decision making
- Priority-based infrastructure investment strategies
- Lower costs
- Shorter schedules

Priority and outcomes-based planning enhances the efficiency and effectiveness of capital planning, project development and implementation.

The three major components of IPEX are:

#### 1. Service Priorities Workshop:

Structured and diverse stakeholder engagement provides a transparent and revealing understanding of priorities and refined basis for planning.

#### 2. Facilities Assessment:

Multi-faceted (see table on right) assessment of current state infrastructure, facilities and equipment performance and risk against peer benchmarks and your triple bottom line financial, stakeholder and environmental priorities and potential.

#### 3. Planning and Reporting

Integrated, priorities-based planning yields actionable recommendations, focused workshops and a highly-focused and supported plan to efficiently meet established objectives.

### Assessment Approach

- Peer benchmarking
- Infrastructure condition assessment
- Facilities risk assessment
- Equipment useful life analysis
- Energy and operational savings analysis

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(12/2019 Part# 153-SBT-1051)