

信息科技建设

BUILDING IT FRAMEWORK



2020年，进出口银行致力于全面提升信息科技水平，深度开展信息系统建设，稳步推进数据中心建设，着力提升科技风险防范水平，为本行生产运转和业务发展提供有力保障。

为实现从业务到IT的全方位转型，打破过去竖井式、部门级的系统建设思维模式，建立以客户为中心、以企业级架构为核心、业务与IT协调发展的IT蓝图系统，2020年，遵循“学习借鉴、以我为主；科学设计、量身打造；联合开发、自主可控”的原则，全面启动了IT蓝图系统建设一期项目。完成1.1批次联合开发系统详细差异分析，确立系统开发需求基线；以业务建模和应用架构规划为基础，落地企业级应用架构；制定新数据标准，优化数据架构，构建完整数据管理体系；落实痛点难点解决方案，采用机控代替人控，提升全行经营管理水平，促进IT引领业务提升；系统测试、数据迁移、总账初始化及制度建设等工作取得显著性成果，为1.1批次系统投产上线奠定坚实基础。

深入贯彻“以我为主”方针，结合行内实际和未来发展需要，持续完善运行管理体系，提升基础运行和系统服务整体水平，年内完成新数据中心建设基础设施详设、运维体系设计等8项主体工作任务。同时，加强基础设施统筹规划，提高运行维护监控能力，推动统一应用运维和自动化运维。

全面保障生产运转与业务发展。强化生产权限管理，集中管理控制运维操作终端，配置密码自动修改策略；推进优化自动化运维，基本实现主要生产系统监控全覆盖、巡检自动化；完善应急管理，组织实施2020年信息科技专项应急演练，实施重要信息系统异地数据备份建设，为全行业务连续性提供技术支撑。



In 2020, the Bank was committed to enhancing IT application. To ensure its business operation and development, the Bank further promoted the building of IT framework and data centers and enhanced its capacity to forestall and defuse technology risks.

In order to realize an all-round transformation of both its business and IT, the Bank shifted its emphasis from system building at department levels to the establishment of an IT blueprint that puts customer first, takes enterprise architecture as the core and pursues coordinated development of business and IT. In 2020, the Bank took the initiative to learn from and cooperate with others to form its own IT blueprint, which is well designed, tailor-made, independent and controllable, and launched the phase one project in building IT blueprint. It completed the detailed difference analysis of 1.1 version of the jointly developed system, and established a baseline for system development requirements. Based on business modeling and application architecture planning, an enterprise-level application architecture was put into operation. The Bank formulated new data standards, optimized data architecture, and built a complete data management system. Efforts were made to find solutions to thorny and bottleneck problems and shift from human control to computer control so as to improve the business operation and management of the entire bank and to speed up IT-led business development. Significant achievements were made in system testing, data migration, ledger initialization and the design of systemic regulations, thus laying a solid foundation for the launch of 1.1 version of the system.

According to the actual situation and requirements for future development, the Bank improved its operation management system to enhance basic operation and system services. Throughout the year, eight main tasks were completed, including the building of new data centers, detailed design of infrastructure and the design of an operation and maintenance system. It also strengthened the overall planning of IT infrastructure, improved its capability for monitoring operation and maintenance, in a bid to promote the aggregate and automatic operation and maintenance of application.

Significant headway was made in ensuring smooth business operation and development. The Bank consolidated authority management of production through centralized management and control of operation and maintenance terminal and automatic modification of passwords. By improving automatic operation and maintenance, full-coverage monitoring and automatic inspection of major production systems were basically realized. Emergency management was strengthened by carrying out special IT emergency drills. Off-site data backup of important information systems was also implemented to provide technological support to the Bank in its effort to maintain business continuity.