城市数字大脑助力城市升级

智慧环保
◆ 环境区域监测与预警
◆ 空气质量监测分析
◆ 污染物排放大数据分析

智慧园区
◆ 信息化综合服务平台
◆ 园区智慧出行系统
◆ 园区智慧能源管理

智慧管廊
◆ 三网一云一平台
◆ 城市生命线管理

智慧交通
◆ 智能交通管理系统
◆ 公共交通智能服务
◆ 智慧城市物流

智慧城管
◆ 城市网格化管理
◆ 两法衔接共享交换
◆ 市政公用设施和市容环卫 管理智能化

智慧公共服务
◆ 数字化公共管理
◆ 电子政务

智慧医疗
◆ 远程医疗
◆ 综合健康信息系统
◆ 智能医疗辅助设施

智慧农业
◆ 耕地数字化
◆ 农业云
◆ 农产品大数据

智慧水利
◆ 全面提升透彻感知能力
◆ 以AI助力水利智慧化管理
◆ 全面加强互联互通和数据

智慧消防
◆ 人工智能预警
◆ 大数据分析决策系统
◆ 数字化区域消防管理平台

智慧旅游
◆ 景区信息化综合服务平台
◆ 智能导游景区游览服务
◆ 景区客流密度分析系统

智慧教育
◆ 智慧校园
◆ 智慧教室平台
◆ 数字化学习模式

······

主动安全

统一运维

业务能力平台	云平台	大数据平台	人工智能平台	边缘计算	IOT平台	数字中台	安防平台	······

数字化基础设施	💻计算	💾存储	🌐网络	📶5G	📱智能终端	······

城市数字大脑探索1：智慧城市新标杆

紫光集团 | H3C
核心企业 | 数字化解决方案领导者

天津市智慧滨海

打造智慧滨海新区 "**1个大脑+ 4大平台**"承载**17个**领域的智慧应用

— 城市治理 —

1个大脑

▪ 城市数字大脑

4大平台

▪ 智慧滨海APP

▪ 智慧滨海运营管理平台

▪ 一号通便民服务中心

▪ 大数据共享交换平台

17类智慧应用

▪ 智慧综治	▪ 智慧商贸	▪ 智慧医疗	▪ 智慧安监
▪ 智慧应急	▪ 智慧港口	▪ 智慧教育	▪ 智慧环保
▪ 智慧司法	▪ 智慧交通	▪ 智慧文体	
▪ 智慧统计	▪ 智慧社	▪ 智慧旅游	

城市数字大脑探索2：城市数据平台

河南省政务大数据平台及国家数字经济试点重大工程

建设"五个统一"的政务大数据平台

打破政务"信息孤岛"，推动数据共享，释放数据价值，奠定数字经济基础，

把"最多跑一次"改革推向深深水区，试点事项减少材料填报30%，办事时间缩短40%。

— 城市治理 —

五个统一

- 统一标准
- 统一索引
- 统一枢纽
- 统一引擎
- 统一门户

— 数据共享 —

梳理全省50家省直部门1308条目录梳理，连通全省111个省级部门、28个地市及直管县

城市数字大脑探索3：城市智能平台

紫光集团 | **H3C**
核心企业 | 数字化解决方案领导者

郑州高新区智慧城市运营指挥中心

构筑"五位一体"新型智慧城市运营中心

助推智慧产业升级发展，打造新型全国智慧城市建设的标杆聚数汇智，打造智慧高新之翼。

— 城市治理 —

五位一体运营中心
- 市民体验厅
- 运营指挥中心
- 城市客厅
- 智慧产业厅
- 多功能厅

三大内容
- 1个智慧治理中心
- 1套三维城市实景
- 1套大数据管理体系

数据大脑
- 汇聚区内31个部门，33万人口
- 33000余家企业

城市数字大脑探索4：城市超级接口

紫光集团 | H3C
核心企业 | 数字化解决方案领导者

内蒙古"云上北疆"

构筑省级大数据业务平台支撑平台，整合政务与非政务数据，生成数据产品，提供一站式数据服务助力内蒙古建设国家大数据综合试验区。

打造1套标准、2大支撑平台、4个行业数据应用。

— 城市治理 —

1套标准
- 省级大数据标准

2大支撑平台
- 政务数据应用支撑平台
- 互联网数据应用支撑平台

4个行业数据产品
- 智慧草业
- 智慧旅游
- 智慧环保
- 智慧纪检

城市数字大脑探索5：市民超级应用

紫光集团 | **H3C**
核心企业 数字化解决方案领导者

佛山12345互联网+政务

推进放管服改革，为市民和企业提供均等化、便捷化的公共服务，
打造"门""网""线""端"四位一体的综合服务渠道体系。
6大体系、**4**个中心、**9**大平台。

— 城市治理 —

4大中心

- 业务受理中心
- 效能监察中心
- 指挥调度中心
- 数据应用中心

服务效能

- 年服务445万人次
- 年工单处理量79万

9大平台

- 服务渠道云平台
- 行政审批平台
- 运营监控平台
- 座席操作平台
- 监察与绩效平台
- 应用支撑平台
- 服务调度平台
- 信息利用平台
- 数据资源平台

城市数字大脑探索6：数字化基础设施

— 城市治理 —
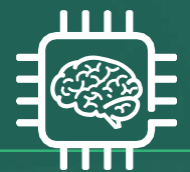
重庆市南岸区雪亮工程项目
全国公共安全视频监控建设联网应用工作示范城市，项目形成"建、管、用、维"一体化长效机制21000个前端设备，十余项后端平台服务。

6大核心后端平台服务

▪ 大数据综合深度分析

▪ 超融合实景指挥系统
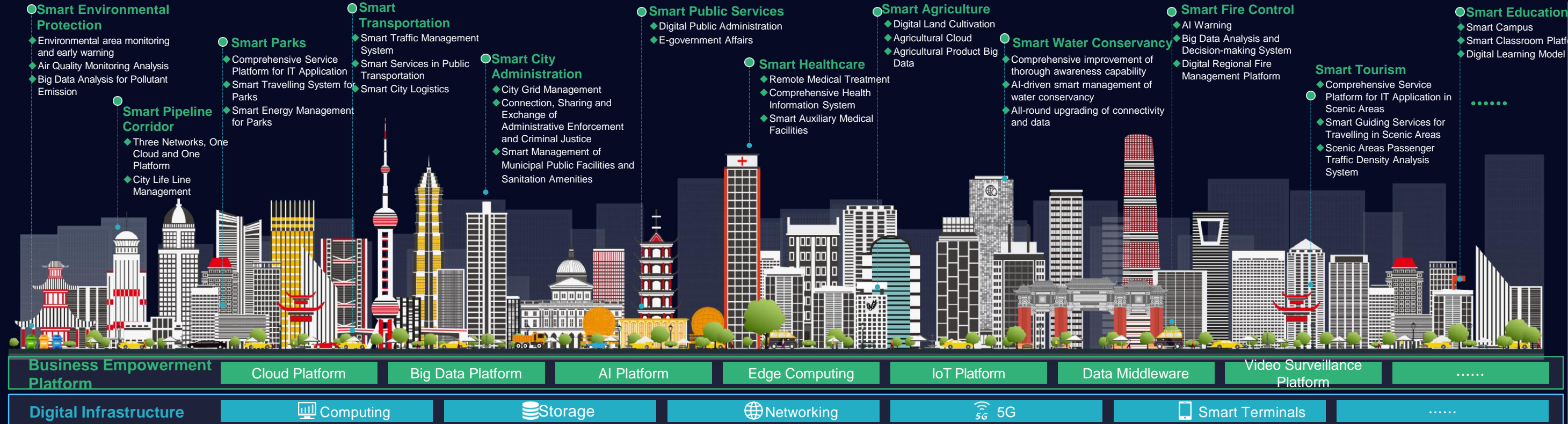
▪ 人脸识别智能分析

▪ 区域治安智能防控应用

▪ 车辆识别智能分析

▪ 各类视频资源的接入管理

城市

城市数字大脑

新华三+合作伙伴

City Digital Brain Drives the Upgrade of Cities

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The Leader in Digital Solutions

Smart Environmental Protection
- Environmental area monitoring and early warning
- Air Quality Monitoring Analysis
- Big Data Analysis for Pollutant Emission

Smart Pipeline Corridor
- Three Networks, One Cloud and One Platform
- City Life Line Management

Smart Parks
- Comprehensive Service Platform for IT Application
- Smart Travelling System for Parks
- Smart Energy Management for Parks

Smart Transportation
- Smart Traffic Management System
- Smart Services in Public Transportation
- Smart City Logistics

Smart City Administration
- City Grid Management
- Connection, Sharing and Exchange of Administrative Enforcement and Criminal Justice
- Smart Management of Municipal Public Facilities and Sanitation Amenities

Smart Public Services
- Digital Public Administration
- E-government Affairs

Smart Healthcare
- Remote Medical Treatment
- Comprehensive Health Information System
- Smart Auxiliary Medical Facilities

Smart Agriculture
- Digital Land Cultivation
- Agricultural Cloud
- Agricultural Product Big Data

Smart Water Conservancy
- Comprehensive improvement of thorough awareness capability
- AI-driven smart management of water conservancy
- All-round upgrading of connectivity and data

Smart Fire Control
- AI Warning
- Big Data Analysis and Decision-making System
- Digital Regional Fire Management Platform

Smart Tourism
- Comprehensive Service Platform for IT Application in Scenic Areas
- Smart Guiding Services for Travelling in Scenic Areas
- Scenic Areas Passenger Traffic Density Analysis System

Smart Education
- Smart Campus
- Smart Classroom Platform
- Digital Learning Model

......

Active Security

Unified O&M Services

Business Empowerment Platform

Cloud Platform	Big Data Platform	AI Platform	Edge Computing	IoT Platform	Data Middleware	Video Surveillance Platform	......

Digital Infrastructure

Computing	Storage	Networking	5G	Smart Terminals	......

City Digital Brain Exploration 1:
New Benchmark for Smart Cities

Smart Binhai New Area in Tianjin

Building the Smart Binhai New Area with **1 brain and 4 platforms** to support **17 kinds of smart applications**

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The Leader in Digital Solutions

-Urban Governance-

1 Brain
- City Digital Brain

4 Platforms
- Smart Binhai app
- Smart Binhai Operation and Management Platform
- All In One Number Convenient Service Center
- Big Data Sharing and Exchange Platform

17 Kinds of smart Applications

- Smart Comprehensive Management
- Smart Emergency Response
- Smart Justice
- Smart Statistics
- Smart Parks

- Smart Commerce
- Smart Port
- Smart Transportation
- Smart Community
- Convenient Service Portal

- Smart Healthcare
- Smart Education
- Smart Culture and Sports
- Smart Tourism
- Smart Public Facilities

- Smart Video Surveillance
- Smart Environmental Protection

City Digital Brain Exploration 2: City Data Platform

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Henan Province Government Affairs Big Data Platform and National Digital Economy Key Pilot Project

Establishing a government affairs big data platform characterized by "**Five Unifications**"

Linking the information islands on government affairs, promoting data sharing, releasing the value of data, and laying a foundation for digital economy.

Advancing the "Run Once at Most" Reform to a higher level, reducing the material application procedures for pilot projects by 30% and shortening the servicing time by 40 %.

-Urban Governance-

Five Unifications

- United Standard
- United Engine
- United Indexing
- United Portal
- United Hub

-Data Sharing-

Sort out 1308 catalogues of 50 departments directly subordinate to the provinces and connect 111 provincial departments, 28 cities and counties directly under the control of the province

City Digital Brain Exploration 3:
City Smart Platform

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The Leader in Digital Solutions

Smart City Operation & Command Center of Zhengzhou National High & New Technology Industries Development Zone

Constructing a "Five-in-One" new smart city operation center

Promoting the upgrading and development of smart industry, developing as a model in new type of national smart city construction, gathering wisdom, and building the wing of High & New Tech Zone.

-Urban Governance-

Five-in-One Operation Center

▪ Citizen Experience Hall

▪ Operation & Command Center

▪ City Living Room   ▪ Smart Industry Hall

▪ Multi-Function Room

Three Major Elements

▪ 1 Smart Management Center

▪ 1 Set of Real 3D City Information

▪ 1 Big Data Management System

Digital Brain

▪ Gather 31 departments and 330 thousand people in the zone

▪ Over 33,000 enterprises

City Digital Brain Exploration 4:
City Super Interface

Inner Mongolia Smart City

Constructing **provincial big data** service platform and support platform, integrating government and non-government data, generating **data products**, and providing **one-stop data services** to support Inner Mongolia to build a comprehensive national big data pilot zone.

Building **1** set of standards, **2** supporting platforms and **4** industry data applications.

-Urban Governance-

1 set of standards

▪ Provincial big data standard

2 supporting platforms

▪ Government data and application supporting platform

▪ Internet data and application supporting platform

4 industry data products

▪ smart prataculture

▪ Smart Tourism

▪ Smart Environmental Protection

▪ smart discipline inspection

City Digital Brain Exploration 5: Citizen Super Applications

Foshan 12345 Internet Plus Government Affairs

Promoting the reform of delegating power, streamlining administration and optimizing government services, providing equal and convenient public services for citizens and enterprises, and building a comprehensive "four-in-one" service channel system of "portal", "network", "line" and "terminal".

6 systems, **4** centers, and **9** platforms.

-Urban Governance-

4 Centers

- Service Center
- Efficiency Monitoring Center
- Command and Dispatch Center
- Data Application Center

Service Efficiency

- Frequency of annual service reaching 4.45 million person times
- Frequency of annual work order handling reaching 790 thousand

9 Platforms

- Service Channel Cloud Platform
- Administrative Examination and Approval Platform
- Operation Monitoring Platform
- Seat Operating Platform
- Supervision and Performance Platform
- Application Support Platform
- Service Scheduling Platform
- Information Utilization Platform
- Data Resources Platform

City Digital Brain Exploration 6:
Digital Infrastructure

H3C
The Leader in Digital Solutions

-Urban Governance-

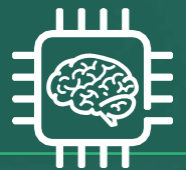### Xueliang Project of Nan'an District, Chongqing City

It is national demonstration city in terms of public security video surveillance construction network application. The project facilitates the formation of an integrated long-term mechanism of "construction, management, operation, maintenance" with **21,000** front-end devices, and over **10** back-end platform services.

6 Core Back-end Platform Services

· Comprehensive in-depth analysis of big data

· Hyper-converged real-world command system

· Intelligent analysis of face recognition

· Application of intelligent prevention and control in regional public security

· Intelligent analysis of vehicle identification

· Access management of various video resources

City

City Digital Brain

H3C + Partners

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