



# Company Profile

# About TKT

## Global Profile



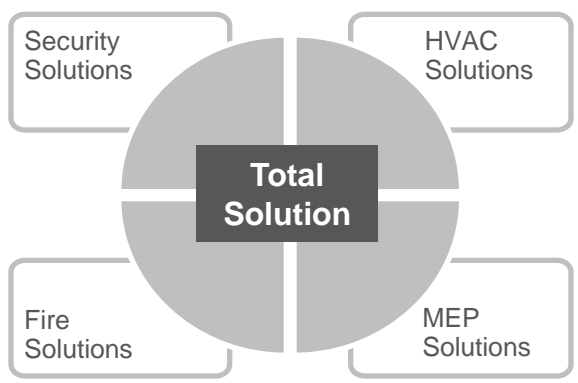
## Strong Solution Portfolio

- End-to-end Solutions by providing:
  - Electronic Security Solutions
  - HVAC Solutions
  - Fire Systems
  - Pumping Solutions
  - Design & Consultancy Services
  - MEP Solutions
- Brand free – need oriented approach

## Leading Solution Partners



## > 1000 Projects Through Partners



# Our Mission

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To be the **largest innovative integrator** in the region by being **one-stop-shopping** solution provider to enable our customers to focus on their **core businesses**

# Focused Segments



AIRPORTS



BANKING & FINANCE



INDUSTRIAL FACILITIES



PRISONS



BUSINESS CENTERS



CRITICAL  
INFRASTRUCTURE



HOSPITALS



PORTS &  
LOGISTICS



TRANSPORTATION



RETAIL

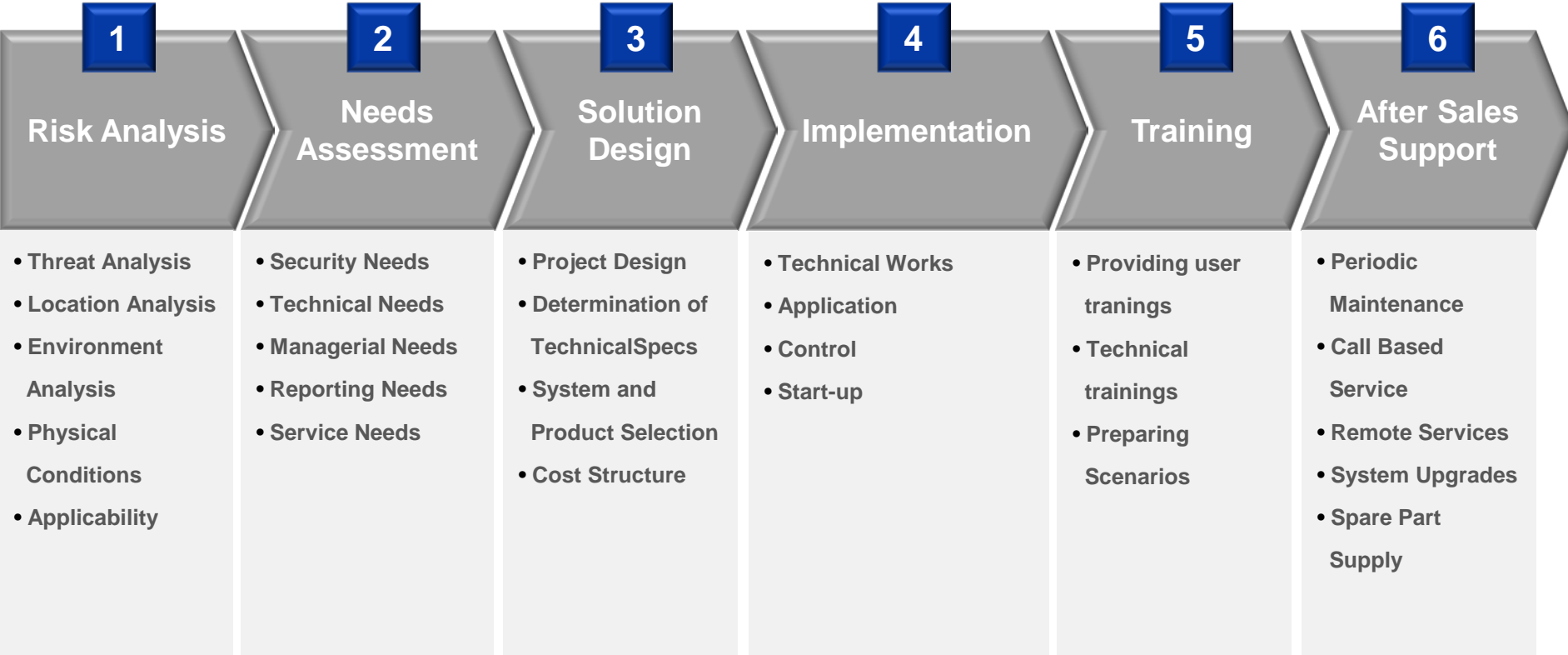


STADIUMS

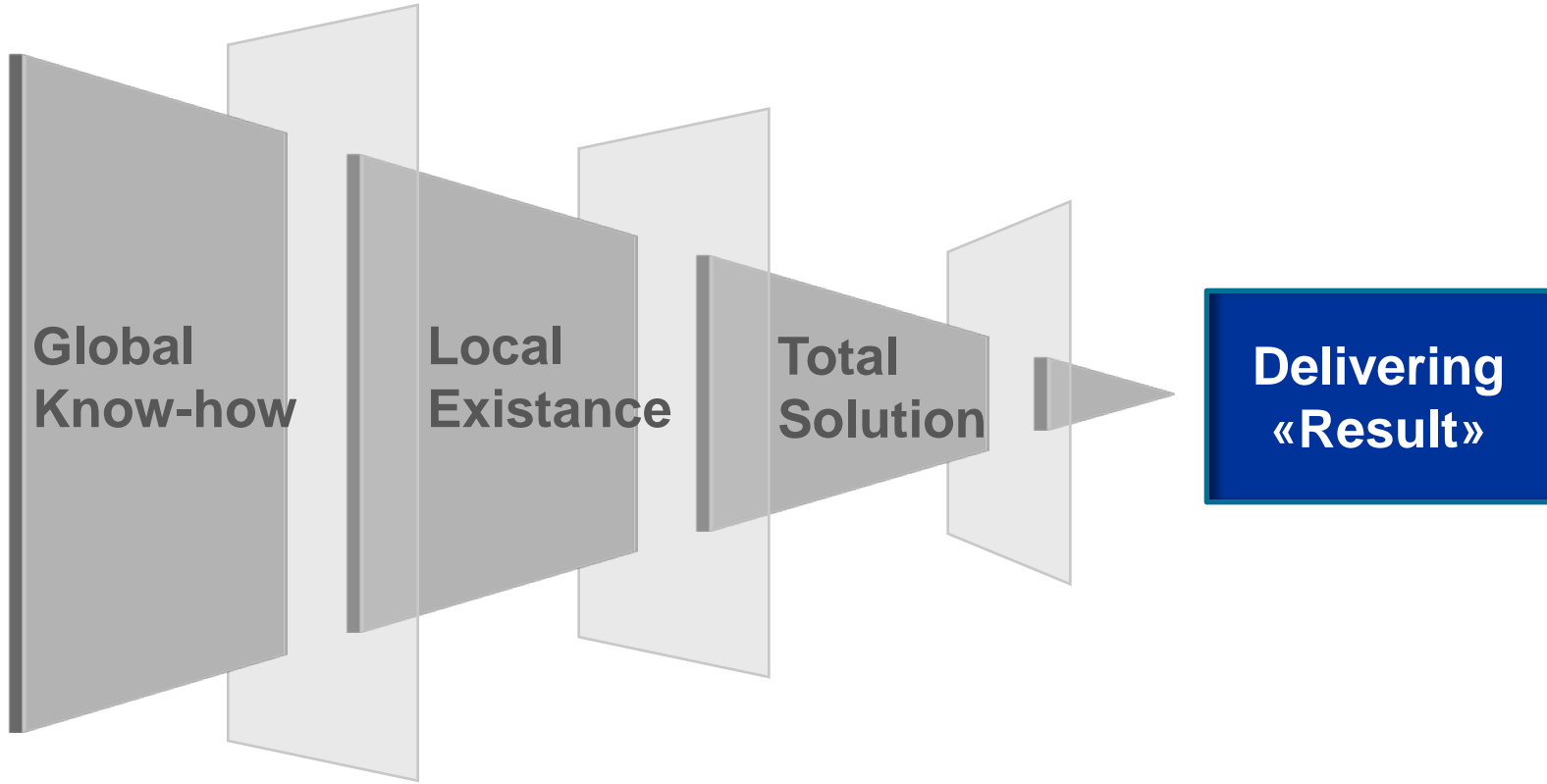


EDUCATION

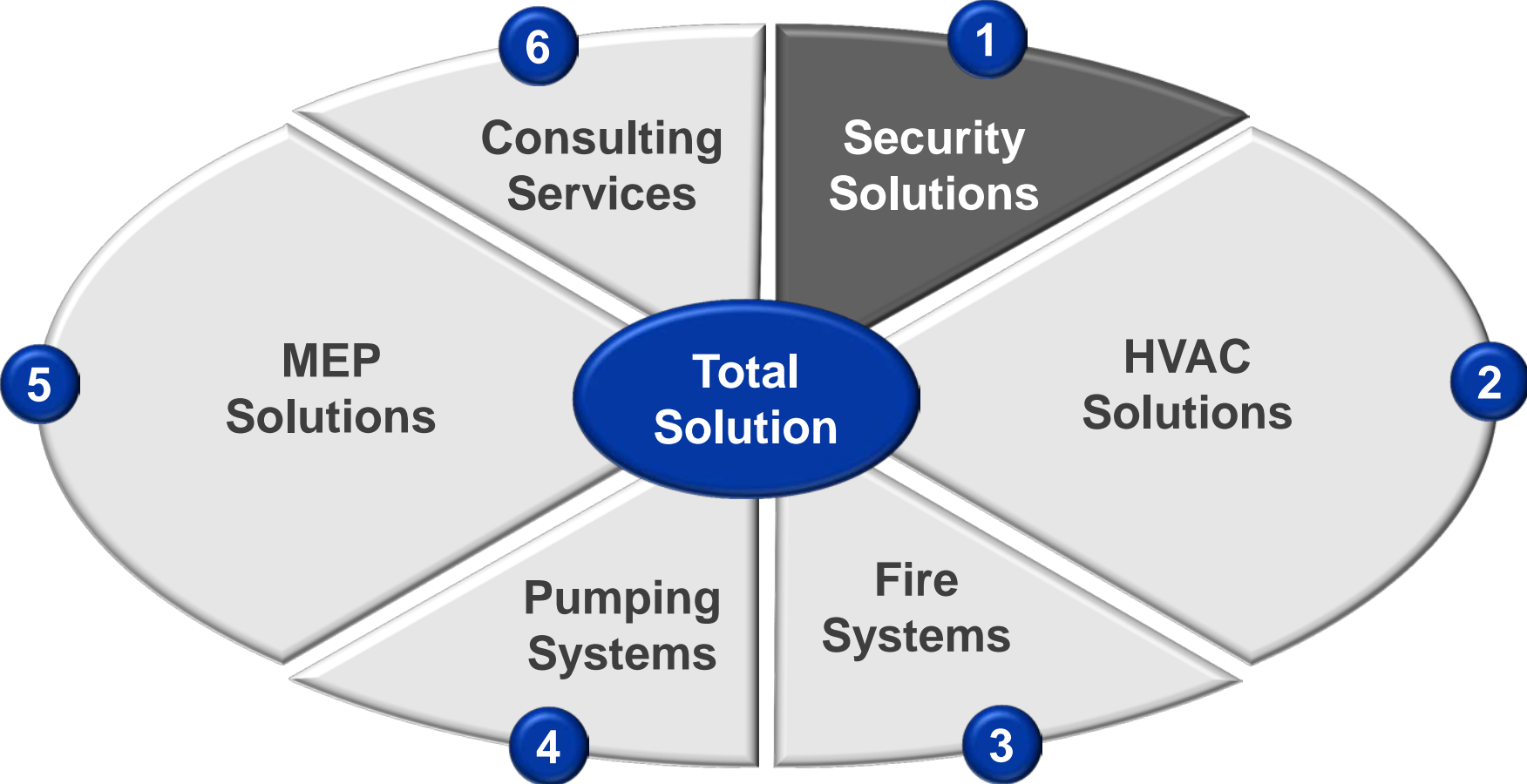
# TKT Solution Approach



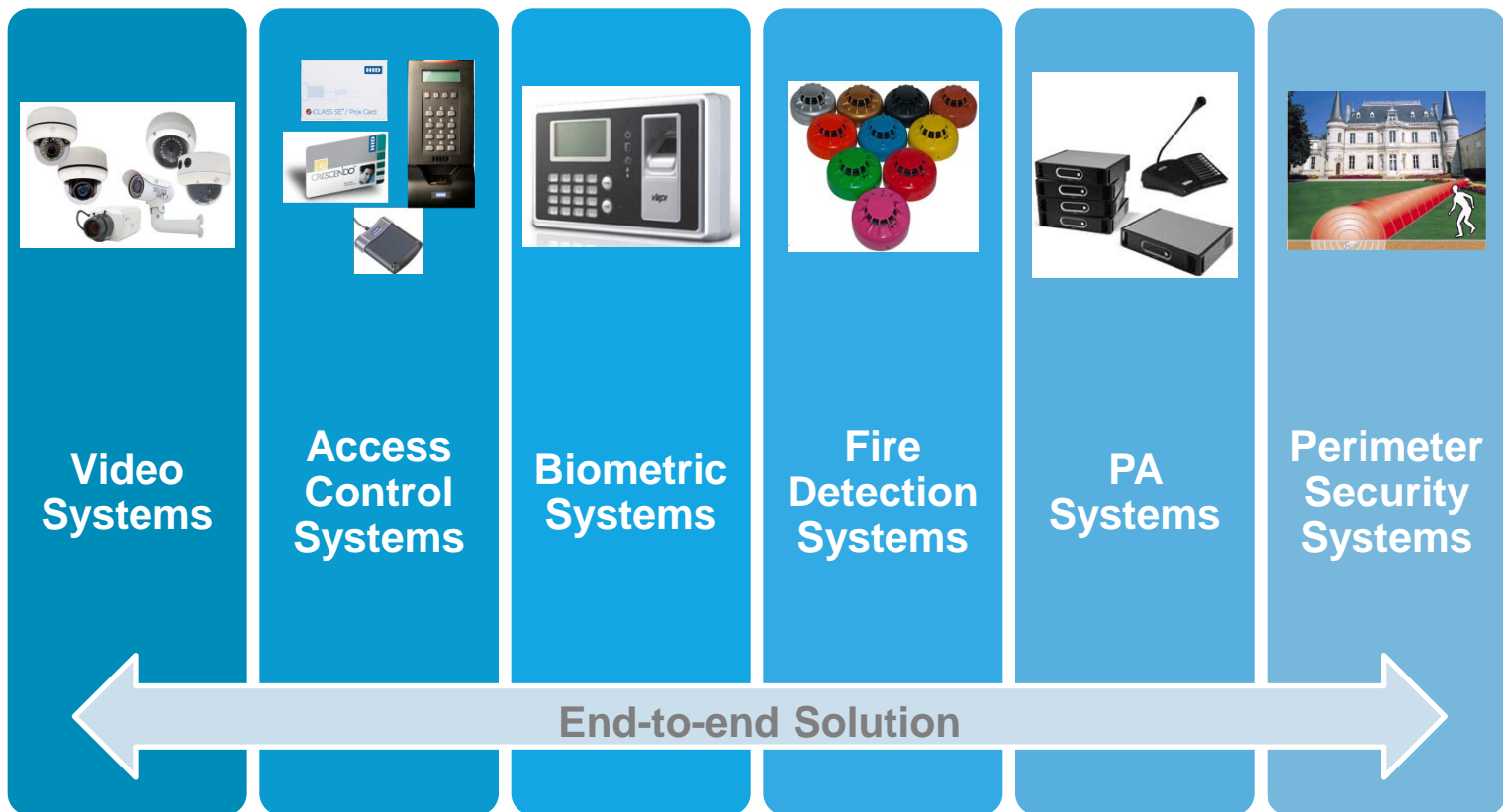
# Value Proposed to Customers



# Solutions Portfolio



# Security Solutions Portfolio





# Abloy

- Finnish manufacturer of door opening solutions
  - expert on locks
- Protec2 locks cannot be picked
- Cliq provides programmable keys
  - Keys work only at the specified date and time.
  - Reports can be generated
- Door openers for disabled and elderly
- Aperio and Optima wireless locks
  - Perfect for hotels



# Adams Rite

- Manufacturer of door and lock accessories
- Part of Assa Abloy group
- Highest quality in the industry
- Noteworthy products
  - Electric strikes
  - Magnetic locks
  - Solenoid locks
  - Exit buttons



# Adams Rite



# AG Neovo

- Manufacturer of video monitors
- Anti burn-in feature
- Hardened NeoV glass – unbreakable, no scratch
- Natural colors -- operator's eye fatigue prevented
- Noteworthy products
  - From 17" to 55" monitors
  - 42"+ plus monitors can be tiled to create a videowall without a separate device
  - PN46 model produces 1 billion colors



# Avigilon

- Canadian manufacturer of IP video surveillance camera and video management systems.
- Fastest growing technology company in Canada
- Experts on high resolution cameras, software and image quality
- Noteworthy products
  - 29 MP camera
  - World's smallest HD minidome
  - Adaptive IR camera
  - Most user-friendly VMS of industry

**AVIGILON**  
THE BEST EVIDENCE™



# Comnet

- American manufacturer of industrial computer network equipment
- Lifetime warranty on products
- All products are manufactured in US
- Competitive pricing
- Ability to transmit network data over coaxial cable over 1km distance



# Computar

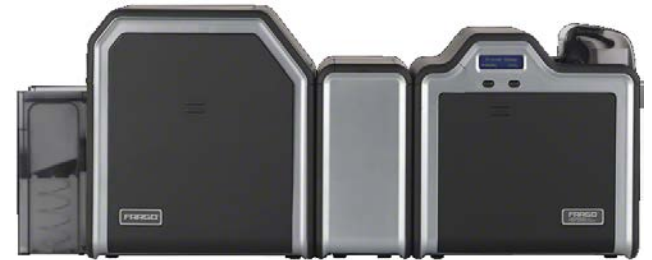
- Japanese camera lens manufacturer
- Offers a wide range of lenses
  - For basic analog cameras
  - For megapixel cameras
  - For Special purpose cameras (ex: 10-300mm lens)

**computar**®



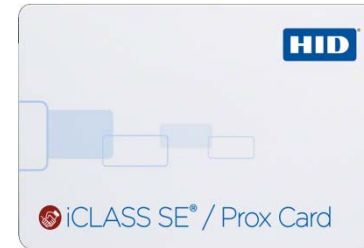
# Fargo

- Manufacturer of access control card printers
- Part of HID
- Highest quality printers in the market
- Any visual design can be prepared and printed on the access control card
- Cards become a part of corporate identity



# HID

- Manufacturer of access control cards and readers
- By far, the leader and innovator of the industry
- Manufacturer of cards and readers for
  - physical access control
    - Physical access control is to open doors, turnstiles with an access card etc
  - logical access control
    - Logical access control is to login computers and access computer resources
- Same card can be used for both physical and logical access control

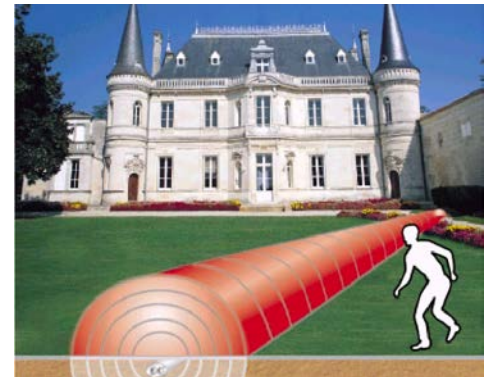




# Senstar

- Manufacturer of perimeter intrusion detection systems
- Detects climbing on the fence, cutting of the fence etc
- Visible or invisible systems
  - Fence mounted systems
  - Fence integrated systems
- Buried systems

**Senstar**  **Stellar®**



# American Dynamics

- Manufacturer of IP and analog video surveillance equipment
- Part of Tyco International
- Enterprise solution provider
- Inventors of «SpeedDome» and industry leaders in DVRs with Intellex
- Provides free integration with all Tyco products such access control, fire etc.



# Software House

- Manufacturer of access control hardware and software
- Part of Tyco International
- Noteworthy products
  - iStar panels
    - 1 reader to 16 readers options
    - Stores up to half million credentials
  - CCURE 9000 software
    - Scalable access control and event management software
    - Integrated with many 3rd party systems (elevator, fire detection, video etc)

**SOFTWARE HOUSE**  
*A Tyco International Company*



- Manufacturer of IP and analog video surveillance equipment
- Best image quality from a camera under low light conditions
- 92000 hours MTBF for analog cameras
- Free VMS for systems up to 9 cameras

# JVC



# Pixus

- Our own brand of analog cameras
- Manufactured by reputable Korean manufacturers – no low-end Chinese products
- Best price/performance for analog cameras
- Best for
  - small-budget projects
  - retail stores
  - ATMs



- Manufacturer of lighting systems
- Noteworthy products
  - Adjustable IR illuminators to be used in video surveillance systems
  - Stylish white LED illuminators. Reduces power consumption drastically
  - PoE powered IR illuminators – reduces cabling cost drastically

rayTEC<sup>®</sup>



# Rifatron

- Manufacturer of DVRs
- DVRs for all markets
  - Low-end: D1 series for 4 cameras
  - Medium-end: SH series for 4, 8 and 16 cameras
  - High-end: MH series for 4,8 an 16 cameras
  - Enterprise: HD series for 16 cameras with HDMI video output and large storage capacity



# SRI International

- Manufacturer of iris recognition devices
- Ability to read iris
  - At a distance and
  - When walking
- Instant recognition
- Can be used indoors and outdoors
- Wireless enrollment device
- Perfect for airport applications

**SRI International**  
R&D for Government and Business





# Viridi

- Manufacturer of fingerprint readers
- Patented fake fingerprint detection algorithm
- Camera on fingerprint readers. Photos of the users are kept in log files
- Smart phone application to enroll users and to monitor the logs
- Card + fingerprint models available

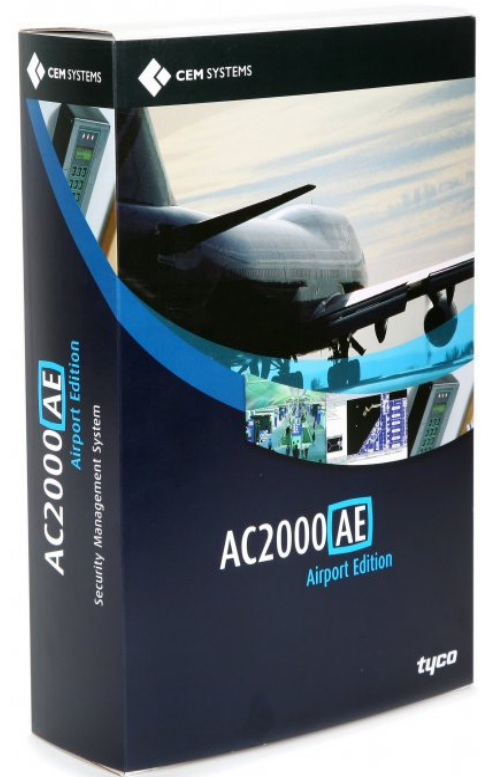


- Manufacturer of camera housings, IR illuminators and accessories
- Portfolio ranging from basic housing to custom-purpose housings
- Remote controlled housings
- Exproof housings
- Water-cooled housings
- Camera control keyboards



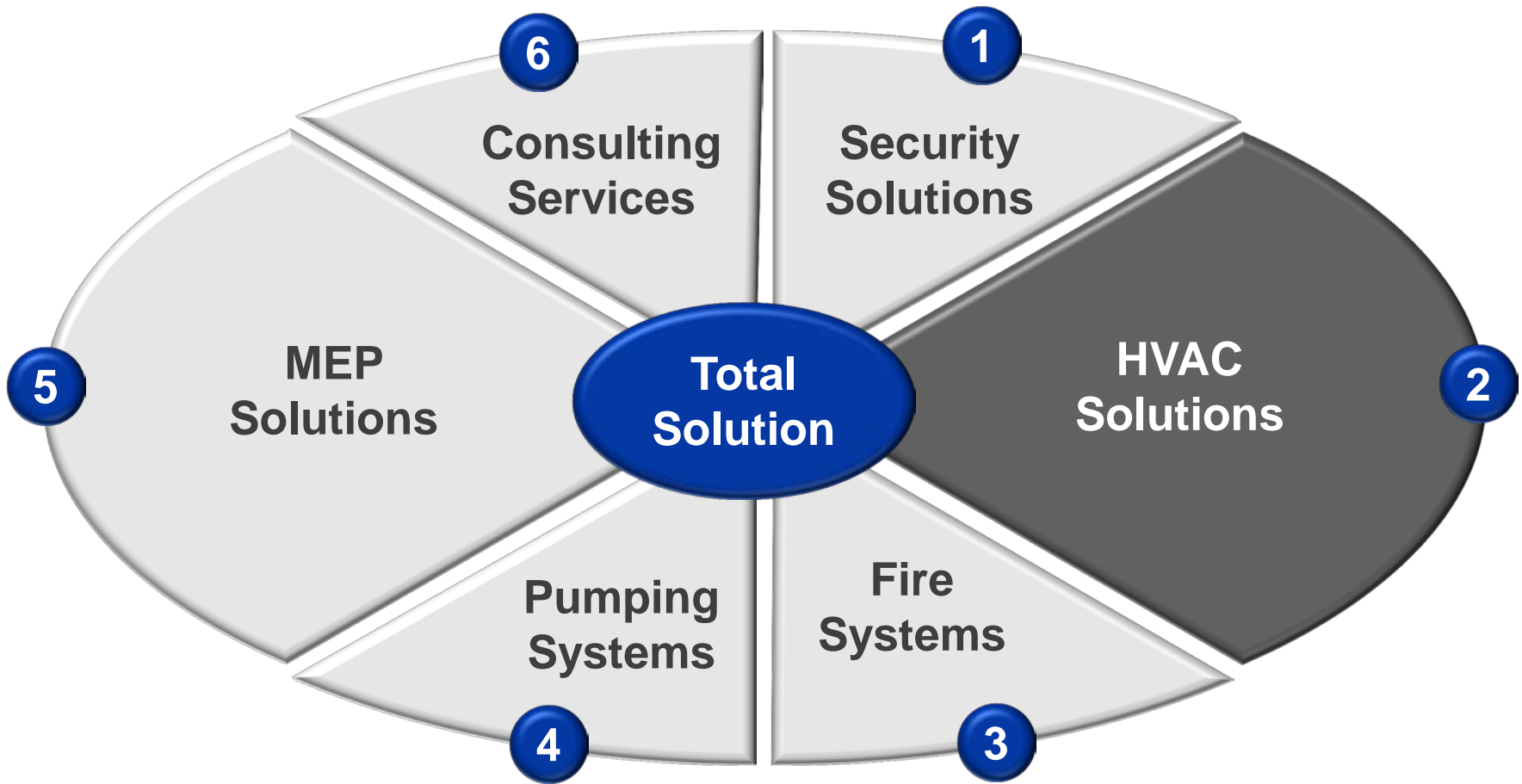
# CEM systems

- Manufacturer of access control hardware and software
- They provide airport-specific access control solutions
- AC2000 Airport Edition provides
  - Check-In Desk Enabling
  - Passenger Segregation
  - Airbridge Monitoring System
  - Taxi Management
  - Vehicle Occupancy
  - Temporary Extra Access (TEA)
  - Direct Link to Airport Invoicing
  - Luggage Carousel Enabling
  - Airport Link



- Manufacturer of fire detection equipments
- Part of Tyco International
- Scalable system
- Commissioning via wireless unit – no need for ladders!
- Fire detectors can be manufactured in any color
- Integration with AC and building management systems





# HVAC Solutions Portfolio



Fans

Fire /  
Smoke  
Dampers

Water  
Chillers

Fan Coil  
Units

Air  
Handling  
Units

VRF  
Units

Air  
Curtains

Smoke  
Hedges

End-to-End Solution

# Fans

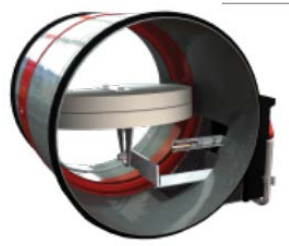
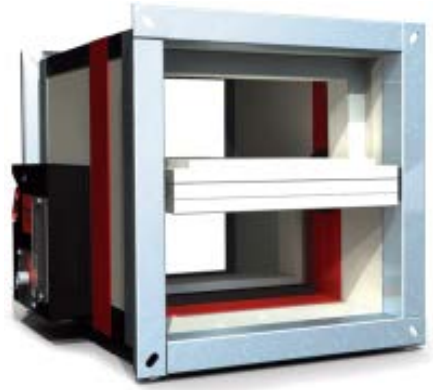
- Inline Duct Fans
- Roof Fans
- Centrifugal Fans
- Domestic Application Fans
- Wall Type Axial Fans
- Axial Fans
- Cabinet Type Exhaust Fans
- Heat Recovery Units
- Laboratory Exhaust Fans
- Jet Fans
- Tunnel Fans
- Acid Proof Fans



# Fire / Smoke Dampers



Certification No.17D  
Assessed to ISO 9001





# Water Chillers

- Air Cooled
- Free Cooling
- Water Cooled



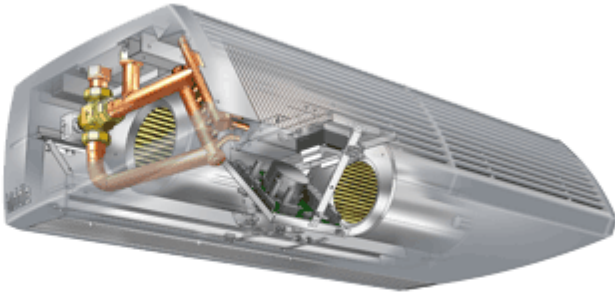
# Fan Coil Units



# Air Handling Units



# Air Curtains



# Smoke Hedges



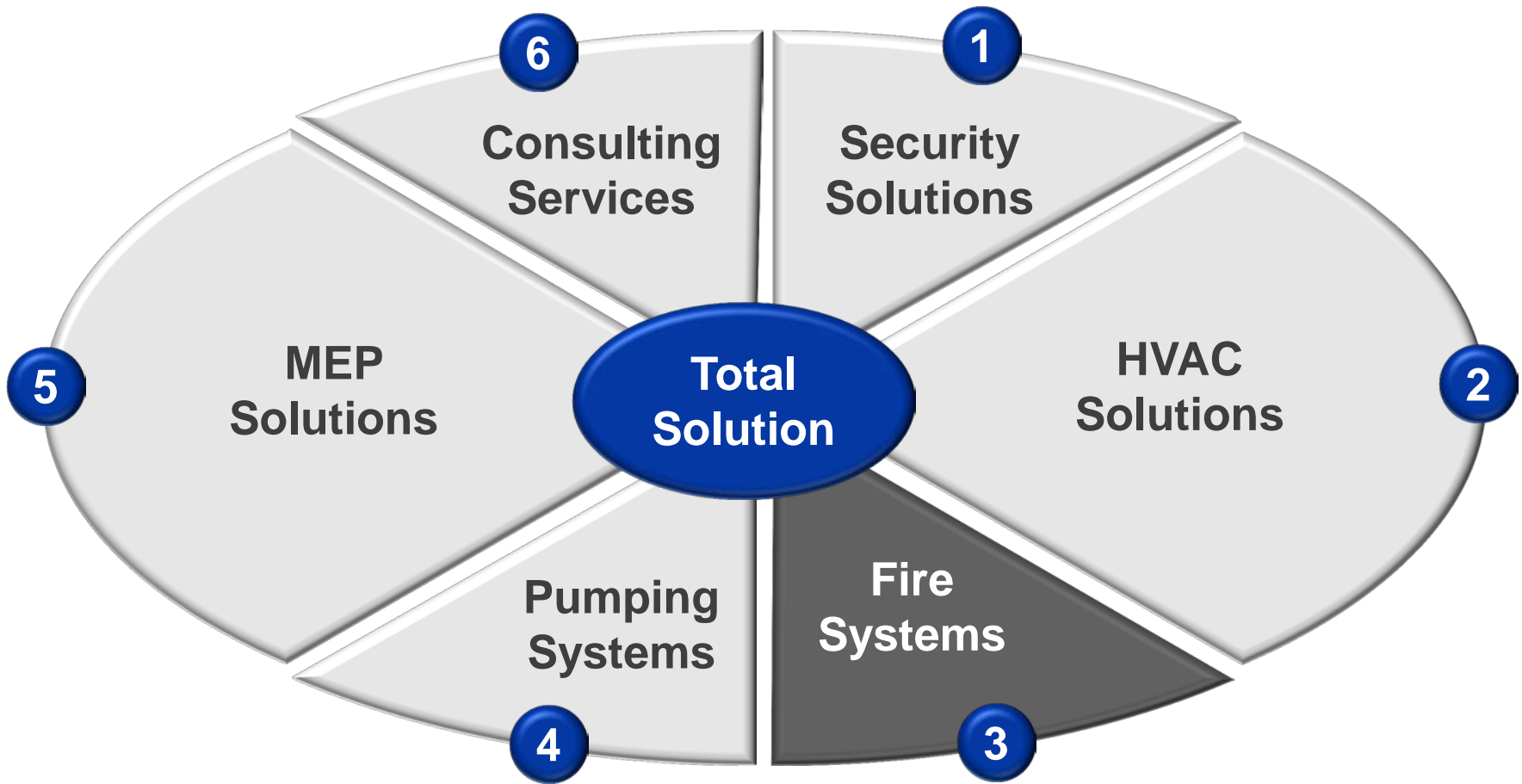
# VRF Air Conditioners



*DVM*  
*(Digital Variable Multi)*

DVM(Digital Variable Multi) air conditioning system is Samsung's new generation in multi-zone modular systems.  
It uses a variable-capacity compressor and multiple indoor evaporators.  
This technology provides more flexibility in system design with higher efficiency while delivering superior personal comfort in each zone.  
It provides a board range of applications for large commercial and residential buildings.

The image shows two Samsung DVM air conditioning units in the foreground, set against a background of a city skyline at night with illuminated buildings. The units are white with the Samsung logo and "DVM" branding. The text "DVM (Digital Variable Multi)" is overlaid on the image in a stylized font.



# Fire Systems

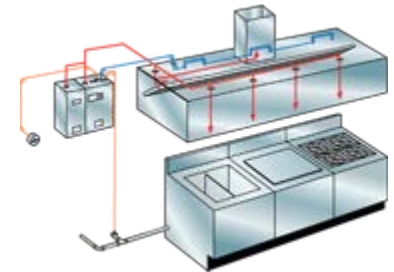
- By asking the right questions, exploring options, and carefully considering the 'what ifs' of existing and future requirements, we do submit reliable, safe and technologically-efficient system solutions.
- We are knowledgeable of all types of suppression systems, including wet-pipe, dry pipe, deluge, preaction, gaseous, foam and special hazards...

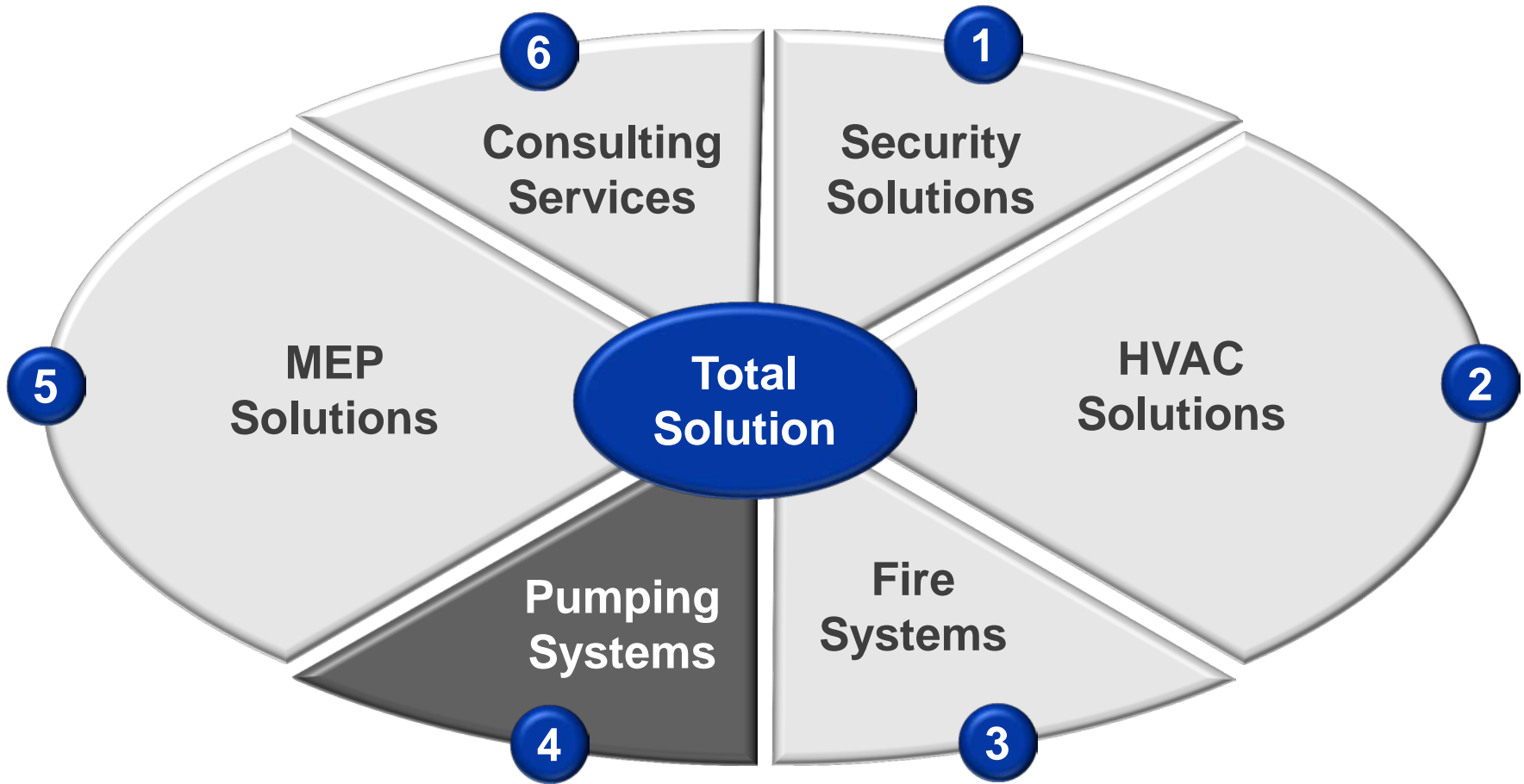




# Fire Systems Solution Portfolio

- Wet Pipe Sprinkler Systems
- Dry Pipe Sprinkler Systems
- Deluge Systems
- Preaction Systems
- Foam Extinguishing Systems
- Gas Suppression Systems
- Special Hazards (Kitchenhood Ext. Systems, Vehicle Ext. Systems etc.)





# Pumping Solutions

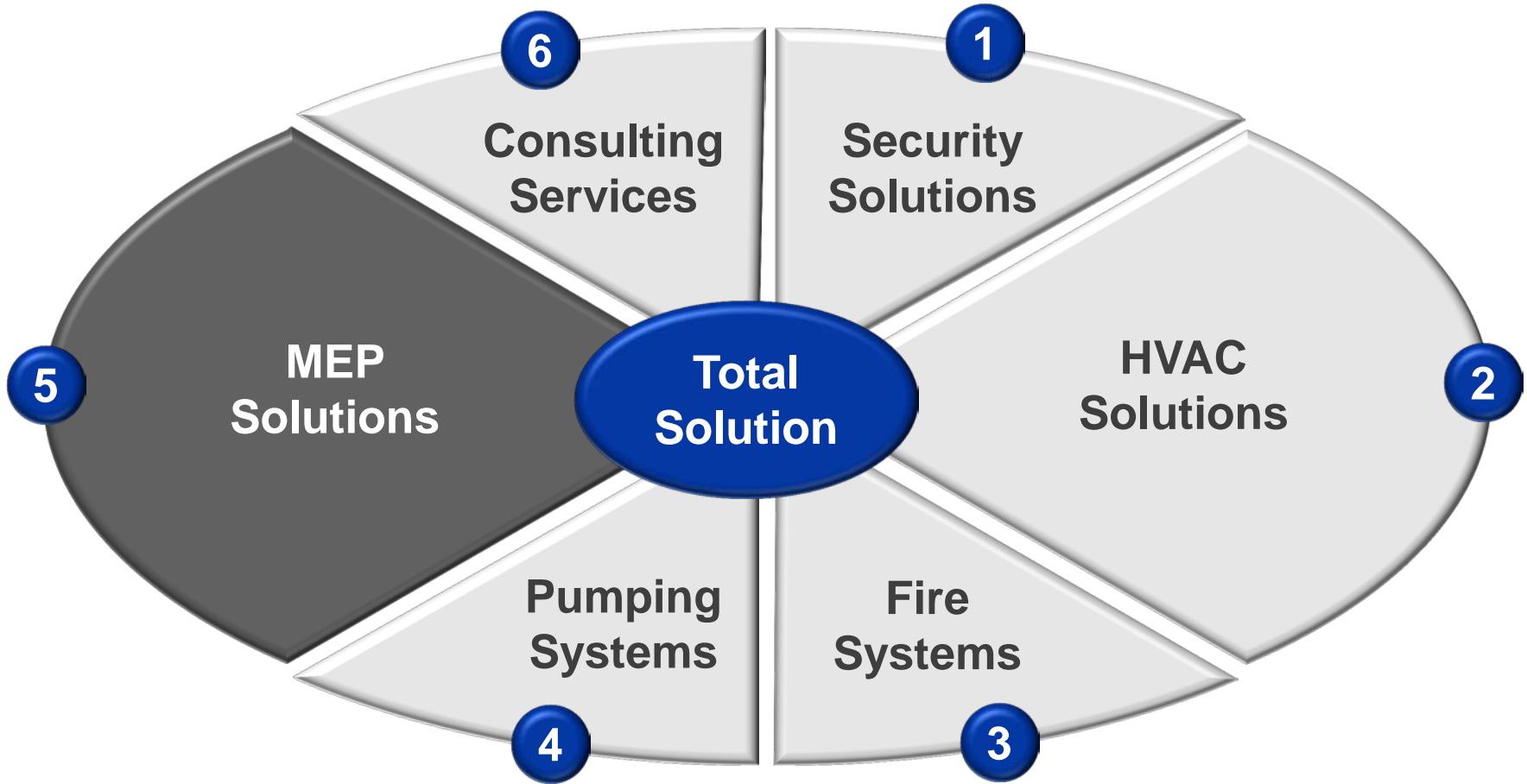
- High Quality pumping applications for operating in hostile, arduous or extreme temperature environments
- Using the most advanced computer testing in the world to design, simulate, evaluate, refine and manufacture all products and packaged systems
- Providing operating cost savings by providing energy efficient designs
- Meeting with the requirements of all major international standards:
  - NFPA 20
  - FM approved and UL listed in many markets including Europe, the Far East, Middle East and Africa
- Providing on-site rapid response for emergency repairs and planned contractual maintenance

# Pumping Solutions Portfolio

- End Suction
- Split Case
- Solids Handling
- Fire Packages
- API
- Contractors Pumps
- Transformer Oil



# Solutions



# Electro-Mechanic Solutions

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## Areas of Expertise:

- Implementing energy efficiency programs in cities, commercial buildings and industrial plants
- Providing construction services of;
  - Electro-mechanical systems
  - Fire protection systems
  - Industrial Systems
  - Engineering Services
- We provide our services;
  - From the very first steps of the investment cycle
  - Commissioning of the systems
  - Training the system users
  - Start-up processes

# Energy Management

## SMART CITIES & CITYBOX®

Street lighting is a major component of the energy consumption in cities and towns. Unimep along with its partner and world-leader Bouygues Energies & Services provide an innovative system that:

- Reduces the electricity consumption up to 50% in many cases
- Improves the lighting of the streets and public buildings
- Transforms the existing power distribution network into a digital communication network



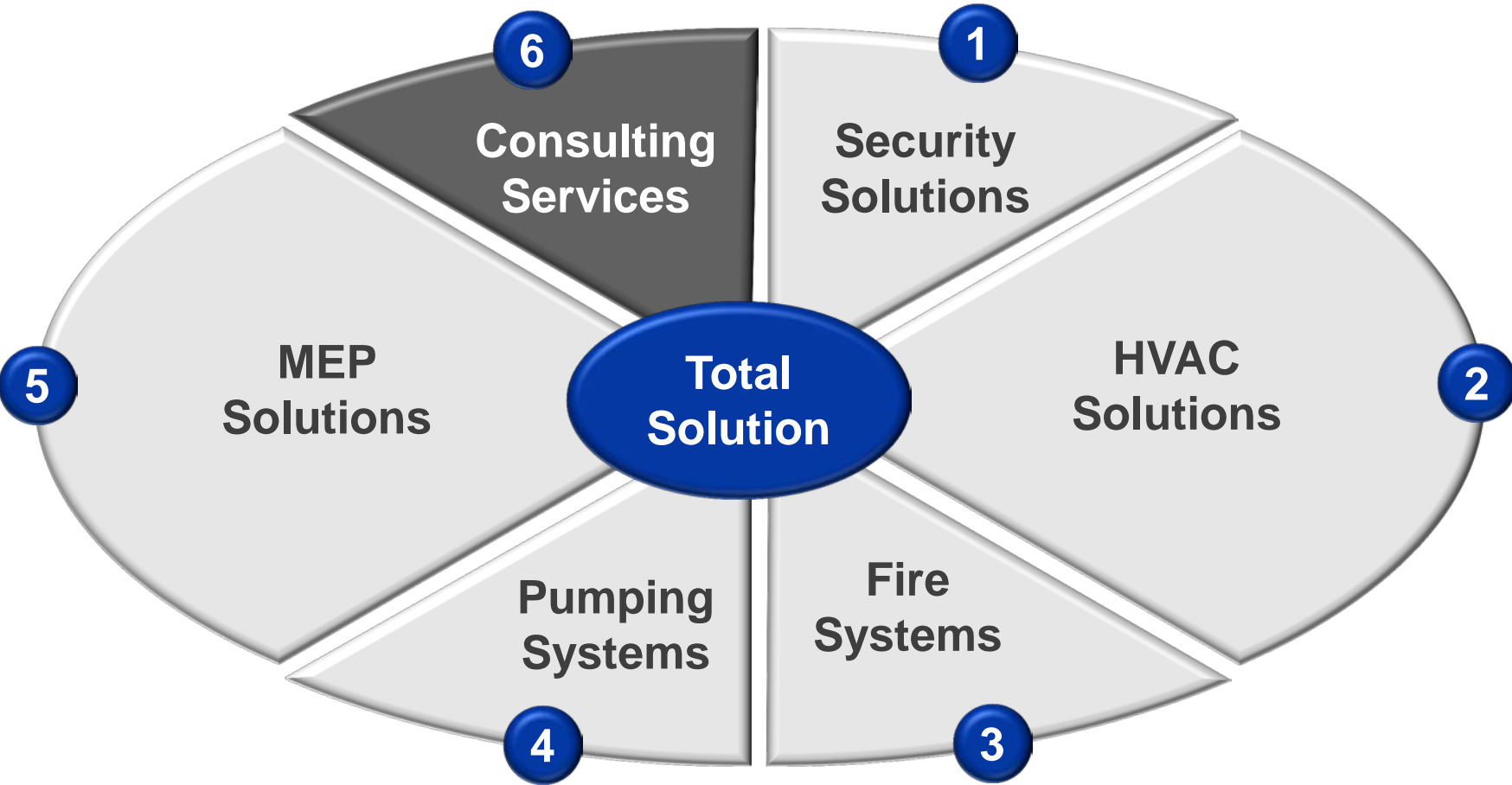
# Building Electro-Mechanical

- Heating
- Ventilation
- Air Conditioning
- Plumbing
- Fire Fighting Systems
- Industrial Systems:
  - Industrial Ventilation
  - Process Piping
  - Steam and Electromechanic Systems





# Solutions



# Consulting Services Portfolio

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## **Building legislation / Business contingency planning / Insurance**

- Fire Protection Concepts
- Business Interruption Prevention Analysis
- Expert approvals / Third-Party audits
- Fire loss analysis

## **Fire protection engineering / Fire Systems**

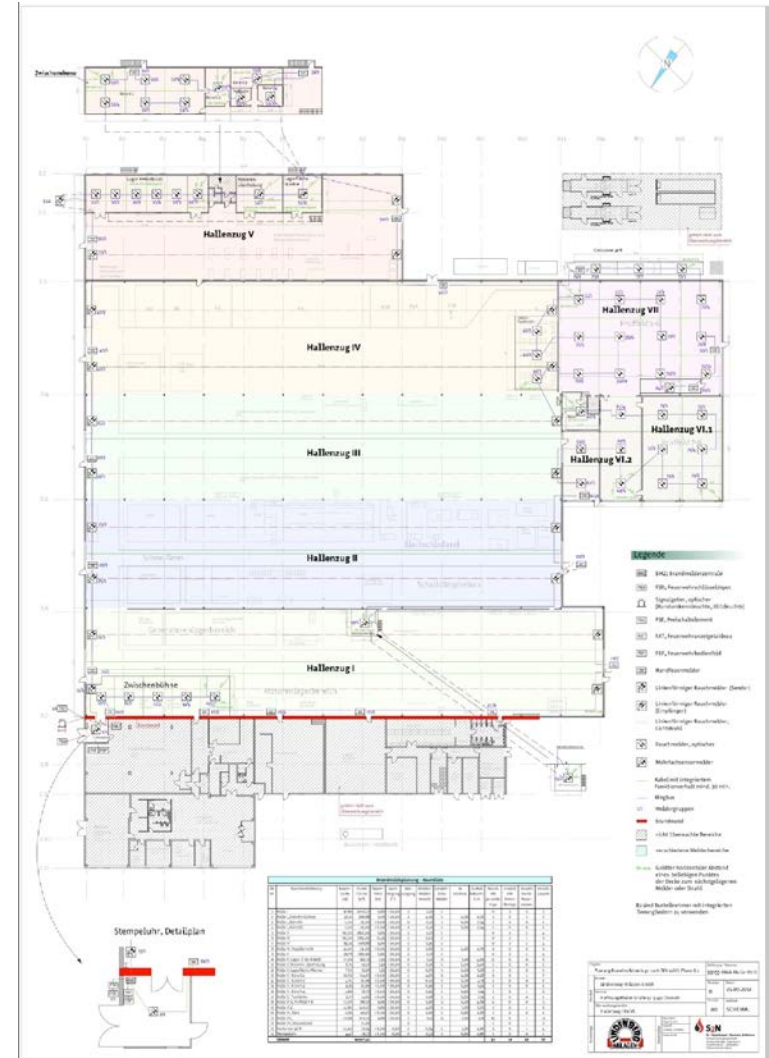
- Planning and Engineering
- Project handling & Acceptance testing, support AHJ
- Escape plans, Fire Systems input-output Matrix (sequence of operation)

## **Special knowledge**

- Trading, Warehouses, Distribution and Shopping Centers
- Industrial buildings w/ power generation, steelmaking, electronics ...

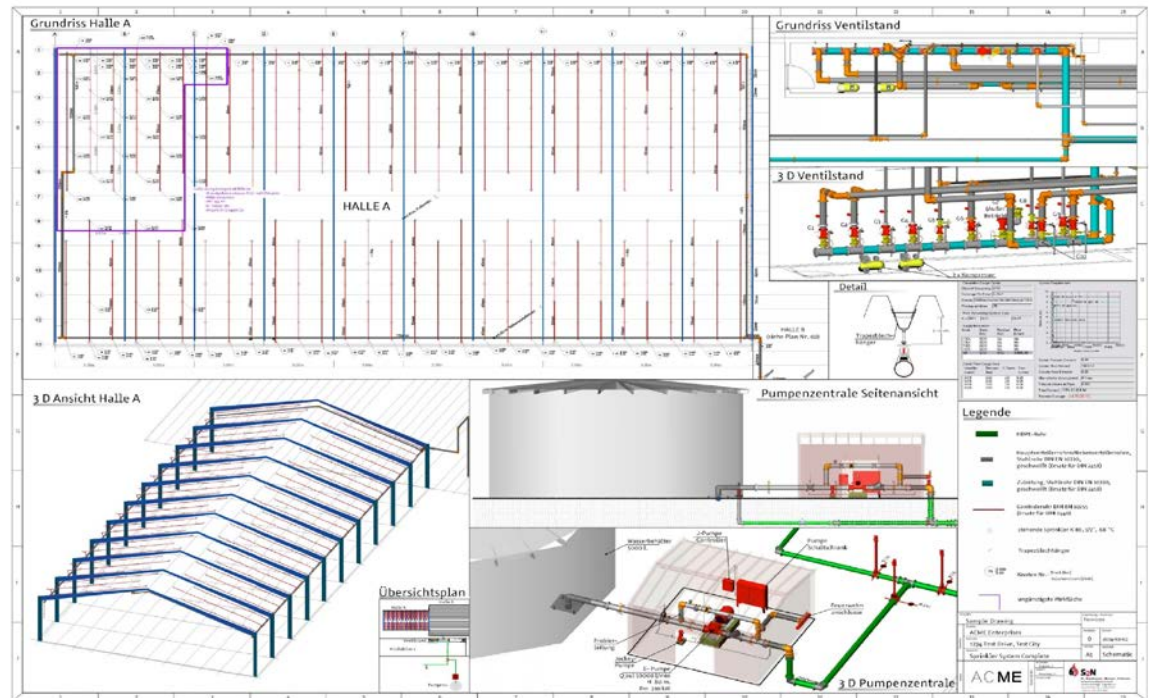
# Fire Protection Systems

- VdS-certified planning and engineering company for fire detection and alarm systems including voice alarm systems (DIN, EN, NFPA 72 ...)
- Planning and engineering of all water based and gas extinguishing systems according to well-known standards like VdS, EN, ISO, CEA, FM or NFPA
- Planning and engineering of smoke and heat extraction systems according VdS, EN or NFPA standard



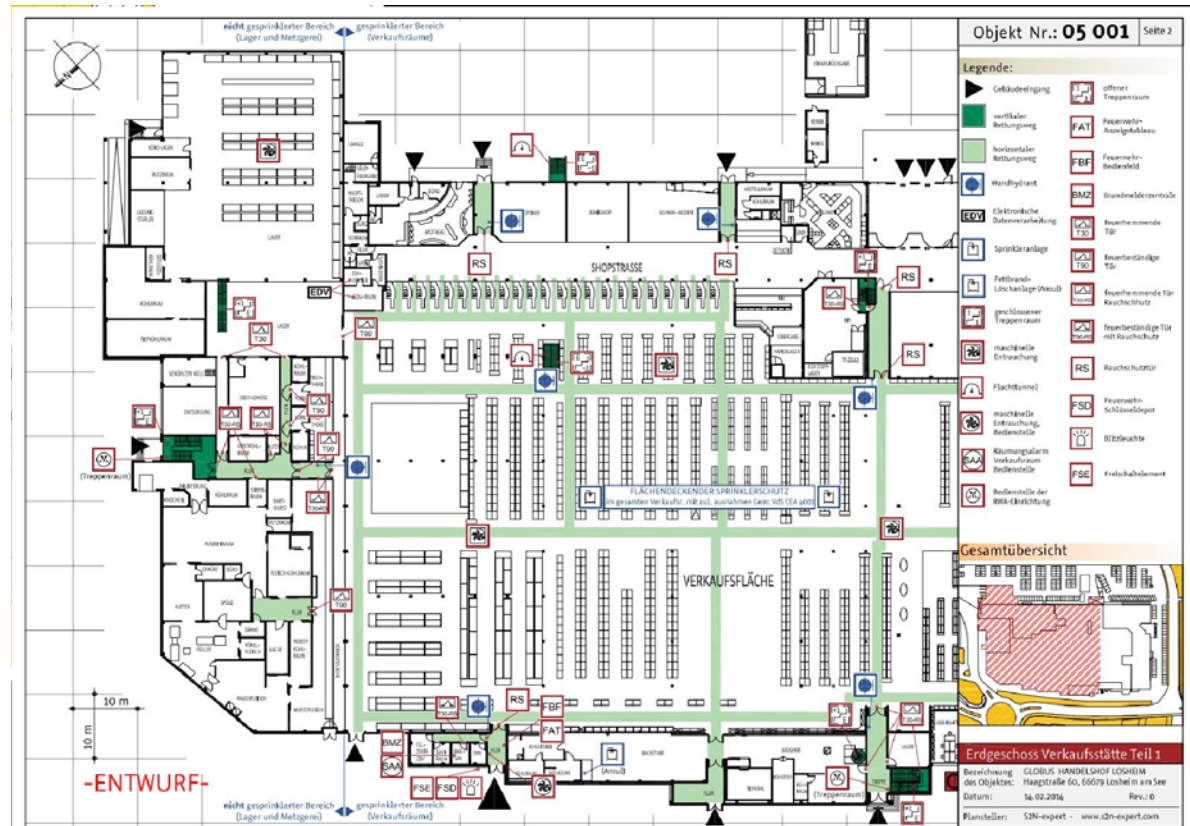
# Sprinkler Systems

- Engineering and design in 3D CAD system, incl. Hydraulic calculation
- Generating technical specifications
- On-site consulting, project management
- Acceptance testing



# Escape and Evacuation Plan, Fire Brigade Information Plan

- Design of Fire Brigade Information Plans for emergency preparedness
- Design of Escape and Evacuation Plans according to ISO 23601 or local building codes



# Contact Info

*Please do not hesitate to call us with any question you may have about our solutions*



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Shatti Al Qurum

Muscat Oman

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**Thank You !**