



Technology Advisory

Traverse the Interconnected World with Confidence

TECHNOLOGY ADVISORY

Nexdigm adopts an intelligence driven approach while helping clients with operational challenges around cybersecurity, compliances, and technology. Powering through the stages of identifying threats, recommending mitigation controls, and implementing the solutions seamlessly, we engage in a comprehensive partnership with businesses across industries.

OUR ADVANTAGE

AN INTEGRATED DELIVERY PLATFORM, COMPRISING OF



Seamless
Collaboration



Real Time
Communication



Customizable
Workspaces

DEDICATED CYBERSECURITY LAB



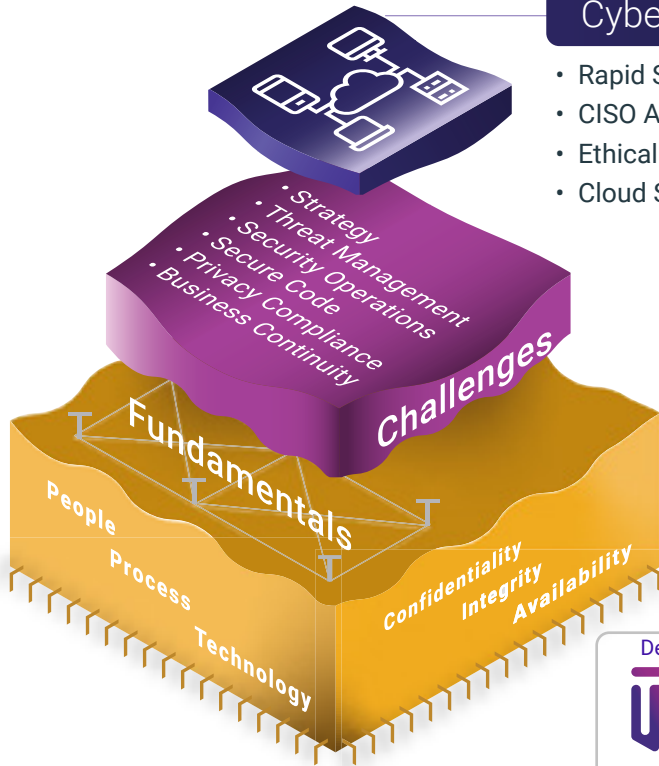
For research, development, and testing

PROPRIETARY CYBER TOOLS



Incubated and developed

OUR SERVICE OFFERINGS



Cybersecurity

- Rapid System Check
- CISO As A Service
- Ethical Hacking
- Cloud Security

Advisory

- Vendor Risk Management
- Data Privacy and Protection
- Mergers and Acquisitions
 - Technology Due Diligence
 - Software Due Diligence
- Managed Services

Compliance

- Global Regulations*
- Certifications
- International Certification Support

*SOC: AICPA – Statements for Attestation Engagements (SSAE-18)
 HIPAA – The Health Insurance Portability and Accountability Act
 HITRUST CSF – Health Information Trust Alliance Common Security Framework
 GLBA – The Gramm–Leach–Bliley Act

Dedicated Cybersecurity Lab

BS 10012 and ISO 27001 Certifications

Licensed Products

- Humanoide – Compliance Management Platform
- Discover Readiness – Data Privacy and Protection Platform
- VRM – Vendor Risk Management Platform
- TIPM – Threat Intelligence Protection Manager
- ONE Trust – Privacy Management Software

DISCOVERY OF PERSONALLY IDENTIFIABLE INFORMATION (PII)

Largest online ticketing service



Industry

Ticketing System

Objective

The client engaged with Nexdigm to get a clear understanding of various personal data collection points, processing, and storage across identified processes within the organization.

Challenges

- » Excessive data due to constant development and addition of newer modules, processes and features to the existing ones to meet the growing business requirements
- » Complicated application and database architecture due to continuous growth
- » Restricted understanding of data amongst employees leading to difficulty in defining where personal data resides, who has access to it and the data flow path within the processes

Impact

- » A holistic view of all the processes capturing personal information were legibly identified in the blueprint
- » GDPR Compliance & its applicability -The Data Flow Blueprint helped in discovery of PII data of European customers residing with the data controller and data processors
- » Established a clear forecast for the requirements and expectations with respect to the flow of data in the organization

Solutions

- » Developed a detailed Project Plan, Client communication matrix, Responsibility Accountability Consulted Informed (RACI) matrix
- » Performed a detailed walkthrough of the data flowing through the processes
- » Created comprehensive minutes of the interviews conducted
- » Identified in-house and third party applications, discovered PII being captured/shared, and recognized Role based / Rule based access controls
- » Phased approach of execution ensured that the business / process understanding didn't disturb business as usual activities
- » Designed a circumstantial organization level Data Flow Blueprint by collating and co-relating the individual process flow diagrams
- » Provided the client with a data risk register document

Project Highlights



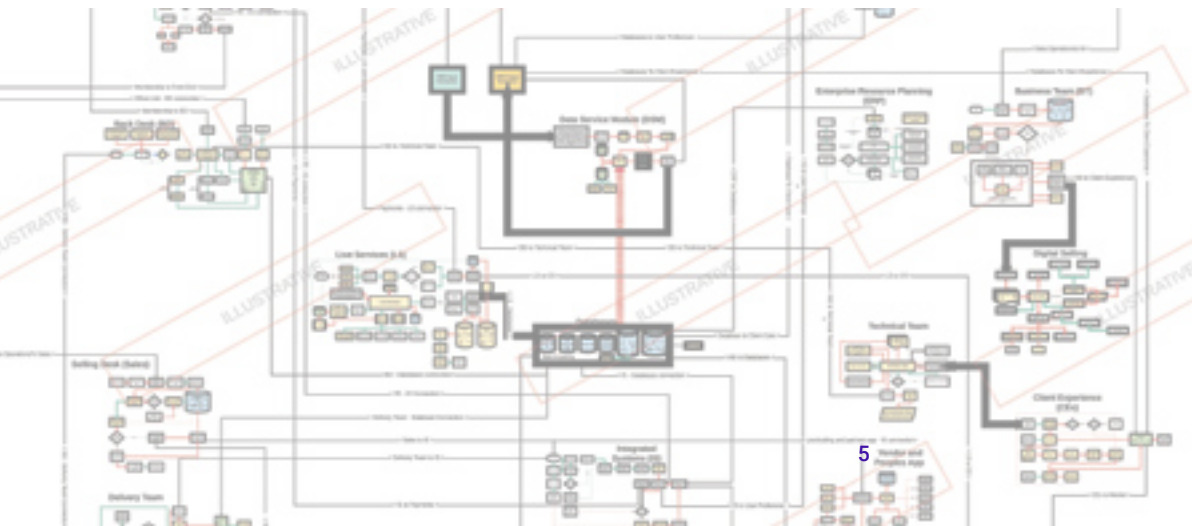
Identified unguarded areas of personal data storage with a schematic Data Blue print



Navigation through data collection points across 5 countries



Showcased the personal data management flow of a customer database of 30 million



OPTIMIZATION OF IT INFRASTRUCTURE TO MAXIMIZE PRODUCTIVITY

An Asia market leader in food processing with diverse interests across the food supply chain in more than 400 locations



Industry

Food Processing

Objective

The Client engaged with Nexdigm for the maintenance of its decentralized IT need-based additions and their synchronization on multiple platforms.

Challenges

- » Inorganic growth leading to decentralized addition of need-based IT applications
- » Difficulty in defining data flow within multiple group entities due to complex application architecture
- » Ballooning infrastructure budget and increased maintenance needs

Impact

- » Optimized IT resource expenditure with applications that have a longer shelf life
- » The expected reduction of 55% in the redundant purchases of IT infrastructure and supporting applications by third year

Solutions

- » Developed policies and procedures for IT security
- » Conducted a comprehensive walkthrough of IT infrastructure, its requirements, and existing gaps
- » Developed a Responsibility Accountability Consulted Informed (RACI) matrix to define responsibilities of the company's in-house IT team
- » Worked with the Client's IT Infrastructure team to develop a resource plan
- » Clearly demarcated the IT Security Operations Centre room
- » Assisted the IT team in identifying and building a Data Center
- » A comprehensive IT Strategy for investments in capex was designed with key business stakeholders
- » Engaged to maintain their cyber resilience across the group as an advisor

Project Highlights



30% year on year reduction in IT infrastructure CAPEX



Possible reduction of 55% in the redundant purchases



Planned breakeven on investments within 4 years

ENTERPRISE RESOURCE PLANNING –TRANSITION AND TRANSFORMATION

A leading European manufacturer of smart labeling solutions



Industry

Self Adhesive Labeling and Packaging

Challenges

- » Involvement of the organization in both discrete and process manufacturing
- » Two separate business units worked in silos leading to duplication of efforts and costs
- » Addressing and handling the complex tax structure and local regulations unique to each country
- » Multi Location operations across countries and complex manufacturing process made it difficult to identify accurately the production costs
- » Consolidated record keeping with operations in silos had many manual interventions and duplications leading to inefficient operations
- » Lack of integration between the operations and finance departments

Objective

The Client, engaged with Nexdigm to upscale their operational practices through well-accepted professional CSR platforms, customized solutions, cutting edge technology, and efficient supply chain.

Impact

- » The organization was able to manage its financial and manufacturing activities along with other business activities in an integrated manner within six months of transition
- » Cash flows and investments did not impact working capital as there was clarity and visibility for management to plan and budget the investment
- » Pilferages and production losses were reduced as per management expectation
- » Increased investment in Research and Development ensured that the organization maintains its competitive edge over its peers due to production gains



Solutions

The entire project was managed using an integrated cloud-based delivery platform to maintain consistency and to provide real-time updates to relevant key stakeholders

The transition and transformation were handled in three phases:

- » **Phase 1:** Partner to evaluate and recommend the appropriate ERP solution
- » **Phase 2:** Functional support and project management during ERP implementation
- » **Phase 3:** Hyper care post-ERP implementation

Project Highlights



Implementation across
11 Production units



Project Geography
– 8 Countries



Transition achieved
within 6 months

IT VENDOR RISK ASSESSMENT

A leading e-commerce marketplace



Industry

E-commerce

Challenges

- » Third Party is any entity not under the direct business control of a given organization
- » Diverse third -party universe, comprising of Vendors, Business Partners, Logistic Solution Providers, and Customer Support Operations
- » Addressing third party risk profiles, a combination of entity risk and service delivery risks

Objective

The client engaged with Nexdigm to know whether third-party vendor risk assessment is aligned to their laid down organizational security standards. They wanted an independent entity to review and test information technology for deployments (hosted and non-hosted) across selected locations in India.

Impact

- » Regulatory drivers to comply with various local and international regulations leading to high penalties in case of failure of Third Party Vendors to have control and systems in place
- » Recognition of potential reputation losses that may impact the ability of the brand to retain its market share
- » Incorporation of controls to prevent high penalties for data breaches in the changing business environment of today

Solutions

- » An inventory of third party service providers based on value of exposure was developed
- » An assessment strategy was designed and divided into three parts - Self Assessment, Online Assessment, and Onsite Assessments
- » The risks in relation to third party service providers were categorized and appropriate risk-weighted scores were prepared
- » The following risks were covered for Compliance, Reputation, Operational Competency, Information Security and Privacy, Sub-Contractors, Technology, Physical Security, Business continuity, and Resilience
- » Third party risk and exposure score card provided after onsite risk assessment
- » A track, report and respond process was put in place with periodic assessments for remediation

Project Highlights



Detailed third party risk and exposure assessment.



Updates to the existing IT security standards and increase in the periodicity of audits



Proposed revamping of vendor on-boarding processes

Logout

Vendor Risk Assessment

Control Categories
Questions Left: 290 / 293

- Security and Risk Management
- Asset Security
- Security Architecture and Engineering
- Communication and Network Security
- Identity and Access Management (IAM)
- Security Assessment and Testing
- Security Operations

Security and Risk Management

Question No. 1 ✓

Do you have information security policy/policies approved by management? Please identify the owner(s) of the information security policies and review/update frequency.

Response: Attachment:

Comments:

Question No. 2 ✓

Do you have a process to approve exceptions to the established security policies? Please describe the process.

Response: Attachment:

Comments:

CYBERSECURITY ASSESSMENT ACROSS OPERATIONAL PROCESSES

A successful Indian e-commerce set-up



Industry

E-commerce

Objective

The client engaged with Nexdigm to conduct a review of the IT security posture across operational processes.

Challenges

- » Business operations carried out of multiple applications developed inhouse at different times, leading to a complex architecture with multiple touchpoints
- » Difficulty in defining a data path within the organization due to data storage in silos
- » 10 million transactions per day, leading to terabytes of data
- » Process gaps and inconsistencies highlighting potential value at risk on account of information and revenue leakages or vulnerabilities

Impact

- » Helped the management get a holistic view of probable risks/vulnerabilities in key business processes
- » Helped build better and stronger processes to avoid people dependency
- » Clearly broke down activities to be conducted in phases to help fix gaps, hive off redundant processes and build a structure for better governance
- » Suggested roles and rules to meet the changing business dynamics while maintaining the information security posture within the organization



Solutions

With an integrated Risk solutions team, Nexdigm adopted the following approach:

- » Built an application architecture diagram putting in place the various applications, their interfaces and supporting databases
- » Mapping of applications to their respective product owners on the business side and development owners on the engineering side
- » Evaluated and tested the system design, change management, identity, and access management areas to build the architecture risk posture

Project Highlights



Navigation through
Terabytes of Data



Advisory to streamline 10
million transactions per day



More than 200 applications
used for online customer
experience

INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) POSTURE READINESS

India's leading provider of Credit Information, Business Information, Analytics, Scoring, Credit Management, and Decisions Solutions



Industry

Finance

Objective

The Client engaged with Nexdigim to ensure ISMS compliance for their organization.

Challenges

- » Achieving ISO 27001:2013 re-certification
- » Review policies to ensure they are relevant as per ISO 27001 standards
- » Ensuring data security within the organization
- » Monitoring of controls implemented on client-facing platforms as well as internal applications

Impact

- » The organization became compliant to ISO 27001:2013 (ISMS) standards
- » Implementation of added controls over the application and processes for secured information and data privacy
- » User awareness in the organization with respect to ISMS

Solutions

- » Developed business understanding of departmental data management and information security to perform testing on a granular level
- » Created a control matrix checklist to perform the testing of the policies and procedures and suggested recommendations wherever needed
- » Prepared an application matrix to evaluate the in-house and external applications
- » Test of Control and Effectiveness implemented
- » Conducted ISMS training awareness sessions

Project Highlights



Successfully re-credited
ISO 27001:2013 certification



Organization became better
prepared for regulatory
compliance audits



Increased data security within
the organization

ERP POST IMPLEMENTATION SUPPORT

A French Eyewear and Optical Equipment manufacturing company



Industry

Medical Equipment

Objective

Nexdigm partnered with the Client to identify gaps in ERP implementation and provide an optimal solution.

Challenges

- » Knowledge gaps and improper role definition in segregation of duty setups during the ERP rollout
- » Need for gap analysis, change management with stakeholders, and effective resolution of the gaps
- » Mismatch between sub ledgers and general ledgers (GL), along with pending accounts and open books for several months

Impact

- » Helped the client resolve GL mapping errors
- » Bridged the knowledge gap to reduce data entry errors
- » Closed GL periods of previous months to the satisfaction of the management
- » Deployed Financial Report Automation resulting in saved time for the month-end reporting



Solutions

- » Provided post-go-live support, explained existing gaps in ERP implementation, and proposed recommendations for existing and future rollouts
- » Partnered with the Client to deploy short-term and long-term remediation
- » Deployed a dedicated ERP Manager at the location to better project-manage the ERP implementation
- » Developed desktop procedures and provided end-user training to bridge the knowledge gap
- » Assisted the team in interacting with the external consultant conducting Oracle Health check
- » Provided month-end checklists to ensure systematic monthly work-flows

Project Highlights



Automation of 15
Financial Reports








Lean Chart of Accounts- 55%
Reduction in General Ledger
accounts



Smooth integration of 17%
Revenue contributing entity

Global Partner. Integrated Solutions.

- 
Multidisciplinary Organization
- 
Over **Half-Century** of Experience
- 
Global Partner
- 
Technology Enabled **Integrated Solutions**
- 
Nimble & Forward Thinking


Ideation to Implementation


Value based


Flexible


Onshore & Offshore

Advisory Project of the Year 2019 & 2017
by The Accountant & International Accounting Bulletin

Recognized as **Leading Tax & Transfer Pricing Firms**
by International Tax Review

Business Services

Consulting, Operations & Implementation

- Business Process Management**
- Finance & Accounting Management
- Commercial Operations
- Contract Management
- Process Improvement
- Shared Services
- Operations & Finance Transformation**
- Finance
- Supply Chain
- Intelligent Automation & Accelerated Analytics (ia³)
- Strategic Initiatives**
- Mergers, Acquisitions, Divestitures & Restructuring
- Greenfield & Brownfield
- Program Management/Business Consulting
- Pre-Investment Advisory and Market Research
- Technology Advisory**
- Cyber Security & Data Privacy
- Technology Solutions
- Cloud Migration

Professional Services

Advisory, Compliance & Risk Management

- Entity Set-up & Management/Corporate Services**
- Business Establishment
- Finance & Accounting
- Payroll, Administration & HR Compliance
- Corporate & Tax Compliance
- CFO Support & Finance Controller Services
- Taxation**
- Direct Tax & Indirect Tax
- Transfer Pricing & International Tax
- M&A Tax & Regulatory Services
- Assurance & Risk Advisory**
- Accounting Advisory
- Internal Audit & Process Reviews
- Technology Risk
- Forensics
- Transaction Advisory**
- Transaction Support
- Due Diligence & Valuations
- Economic Analysis

 **Think Next**

About Nexdigm

Nexdigm is an employee-owned, privately held, independent global organization that helps companies across geographies meet the needs of a dynamic business environment. Our focus on problem-solving, supported by our multifunctional expertise enables us to provide customized solutions for our clients.

We provide integrated, digitally driven solutions encompassing Business and Professional Services, that help companies navigate challenges across all stages of their life-cycle. Through our direct operations in the USA, Poland, UAE and India, we serve a diverse range of clients, spanning multinationals, listed companies, privately-owned companies, and family-owned businesses from over 50 countries.

Our multidisciplinary teams serve a wide range of industries, with a specific focus on healthcare, food processing, and banking and financial services. Over the last decade, we have built and leveraged capabilities across key global markets to provide transnational support to numerous clients.

From inception, our founders have propagated a culture that values professional standards and personalized service. An emphasis on collaboration and ethical conduct drives us to serve our clients with integrity while delivering high quality, innovative results. We act as partners to our clients, and take a proactive stance in understanding their needs and constraints, to provide integrated solutions. Quality at Nexdigm is of utmost importance, and we are ISO/ISE 27001 certified for information security and ISO 9001 certified for quality management.

We have been recognized over the years by global organizations, like the International Accounting Bulletin and Euro Money Publications.

Nexdigm resonates with our plunge into a new paradigm of business; it is our commitment to *Think Next*.

USA Canada Poland UAE India Hong Kong Japan

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