

Digital Transformation Consulting



Fixed & Mobile
Network
Development

Distributed
Energy
Enablement

Transportation
Demand
Management

Digital
Education
Enablement

National
FinTech
Development

eHealth
Solutions
Enablement

SMART

Business
Processes
Automation

CITIES

What is Digital Transformation?

In today's digital landscape, digital transformation has become a multi-disciplinary domain and a national lever for sustainable economic development of any nation and the underlying ecosystems that form it. In brief, Digital Transformation is the process of improving the efficiency, productivity and cost-effectiveness of existing processes and systems through the use of various technologies that can automate or streamline the manual handling of information, operation of equipment, or any other physical tasks, and thereby enabling the generation of electronic records of all transactions which can be used for analytical KPI measurement, tracing accountability, electronic execution of tasks and delivery of services, and overall enhancement of given systems.

Our Vision

DiTraCon Solutions was founded with a vision to become a globally leading innovative digital transformation solutions provider proven for ability to realize national and corporate projects that boost productivity & efficiency focused on universal development, environment conservation and empowerment of humanity to elevate current and future standards of living.

Our Mission

Our mission to achieve this is to develop a collaborative culture of harnessing the skills matrix of our globally renowned multi-disciplinary team members to:

1. Understand the detailed requirements of each of our clients and their respective environment.
2. Develop tailored innovative multi-disciplinary digital transformation solutions that exceed delivery expectations.
3. Enable subsequent sustainable growth by empowering our clients' team members through generous knowledge transfer.

Who We Are & What We Do

DiTraCon is the Digital Transformation arm of Shihab Group which caters to provide the “essentials of living” where needed across the world operating in the food, energy, and technology sectors.

We uniquely specialize in delivering innovative solutions across the Design & Public Policy levers of ‘Sustainable Development’. This spans key areas of Management Consulting, Feasibility Studies, Solution Designs, Multi-Vendor & Contractors Project Management services.

Based in UAE, our initiative comes in the perfect time in-line with Expo2021 which is built on three pillars of Sustainability, Productivity, and Mobility.

Together with international collaborations, our team’s expertise will help create necessary Policy Framework, foster Business Growth, and develop innovative technical solutions Designs that can:

- Enhance the standards of living.
- Boost economic prosperity.
- Ensure protection of the environment.

The Management Team



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Board Director
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(Texas Tech, USA)
Executive MBA
(MAASTRICHT, Netherlands)



Mohammed Elneel
General Manager
BEng. Electrical Engineering
(Dalhousie, Canada)
MEng. Public Policy
(McMaster, Canada)



International Collaboration
Multi-disciplinary international consultants and advisors spanning the ICT, Energy, Transportation, Health, Education, Agriculture, Industry, eGovernment & Finance sectors.

Our Digital Transformation expertise spans multiple national development sectors, and can be engineered to facilitate tightly-coupled integration between the various domains serving a unified national / corporate vision.

ICT Development

Internet connectivity has become a Humanitarian Right, yet penetrations and accessibility are still very low in many countries around the world. Building connected societies with instant in-hand sourcing and delivery of information has become essential in day-to-day, business, and government decision making. DiTraCon team helps design and facilitate the deployment of high-capacity resilient wireless backbone and access networks to help accelerate delivery of affordable intelligent Wi-Fi Access to public and enhance capabilities of existing mobile network operators.

National FinTech Development

Many developing and under-developed countries have underlying potential not being capitalized to facilitate economic growth and improvement of standards of living. A key cornerstone is enabling a healthy financial and banking sector. Our team can source and facilitate the deployment of intelligent national FinTech solutions to enable a digital economy and boost local currency value and balance of trade.

Distributed Energy Enablement

The legacy energy infrastructure even in developed world is proven incapable of addressing the needs of society today from scalability, agility, resiliency, and sustainability perspectives. Today's societies require a notable contribution of distributed renewable generation in the energy mix with dynamic pricing which takes environment protection into account. As the world population hits exponential growth, every household must contribute to energy generation just like food production. DiTraCon can work with relevant government entities to plan and enable small to large-scale renewable generation needed to fuel economic growth.

Transportation Demand Management

Besides Sustainability and Opportunity, Mobility of people and goods represents the nourishment of any economic development. As societies grow with an ever-increasing pace of life, time and efficiency of transportation become instrumental. Our team helps relevant government departments build simulations that can be used to understand existing problems and examine the outcomes of various intervention options before costly implementation. Mobility movement also helps in planning residential, services, tourism and other city infrastructure.

eHealth Solutions Enablement

The recent global pandemic situation manifested the importance of efficient medical sector in any country, city, town and even villages and rural communities. It is highly evident how technology has helped improve healthcare capabilities from R&D to Imaging & Diagnosis, Patient Records & Reporting, and growing Remote Doctor-Patient interactions. DiTraCon team studies various factors within the client's ecosystem including needs, budget, and over-arching long-term goals to formulate eHealth solutions that improve the capabilities of medical institutions to help serve larger populations more efficiently from both time and costs perspectives.

Digital Education Enablement

There's no doubt that developed societies are usually those having high degree of population literacy and multi-disciplinary application of such learning to development of standards of living. Until the recent pandemic, many people could not envisage national-scale distant learning becoming a reality. Today, the digital transformation in this field witnessed exponential growth which will have positive outcomes globally as education becomes accessible from anywhere with a laptop or phone connection. DiTraCon team, is building a global educational hub to make distance learning even more accessible, affordable, and effective in delivering essential skills needed to increase population productivity, independence and standards of living.

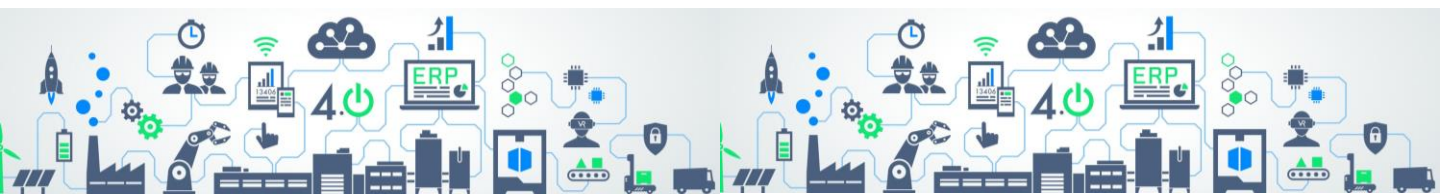
Business Processes Automation

The transition of working culture across various industries through 2020 emphasized the need for cost efficiency and streamlining of many routine business processes. It also shed light on how human resources can be used to perform higher level tasks that boot overall performance instead of being wasted on routine jobs. Artificial Intelligence and affordable internet connectivity, computer processing, and digital storage facilities have all contributed significantly to enabling large-scale digital transformation of businesses. DiTraCon team works with any business or government entity to first identify and document existing business processes, and then enable synergic digital transformation of tasks which then generates powerful analytics that can be used for strategic business improvement decision-making.

Smart Cities Development

Contrary to the idea that Smart Cities are just about deploying various technologies, our team first uses the expertise on all the above domains and more to work with our clients to develop sustainable national/city goals driven by environmental, social and economic requirements using intelligent decision support systems. Once the optimal objectives, direction and systems sensitivity matrix have been formulated, we then use a customized cohesive integration of technology solutions to realize the intended potential ultimately aimed at elevating the standards of living. This is an evolutionary process which requires at least some initial steps from the above to be in place with target districts, towns, cities, or country in order to have tangible effects and outcome.

Enabling Sustainable Change





DiTraCon Solutions

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DiTraCon
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Digital Transformation journey.**

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