



> inception to completion
> big picture to last detail



About DIC

- > Founded in 2012 by partners with 25+ years of engineering experience
- > DIC delivers integrated engineering, commissioning, and maintenance solutions for mission-critical data centers.



About DIC

- > DATA CENTER specialist FOR OVER 14 YEARS
- > European & Middle-East coverage
BEIRUT / DUBAI / PARIS
- > Uptime Accredited Tier Designers (ATD)
- > LEED Accredited Professional
- > Certified Building Commissioning Professional
(CBCP - AEE)
- > Proven methodology aligned with GAFAM delivery standards

+30

Delivered Data Centers

+14

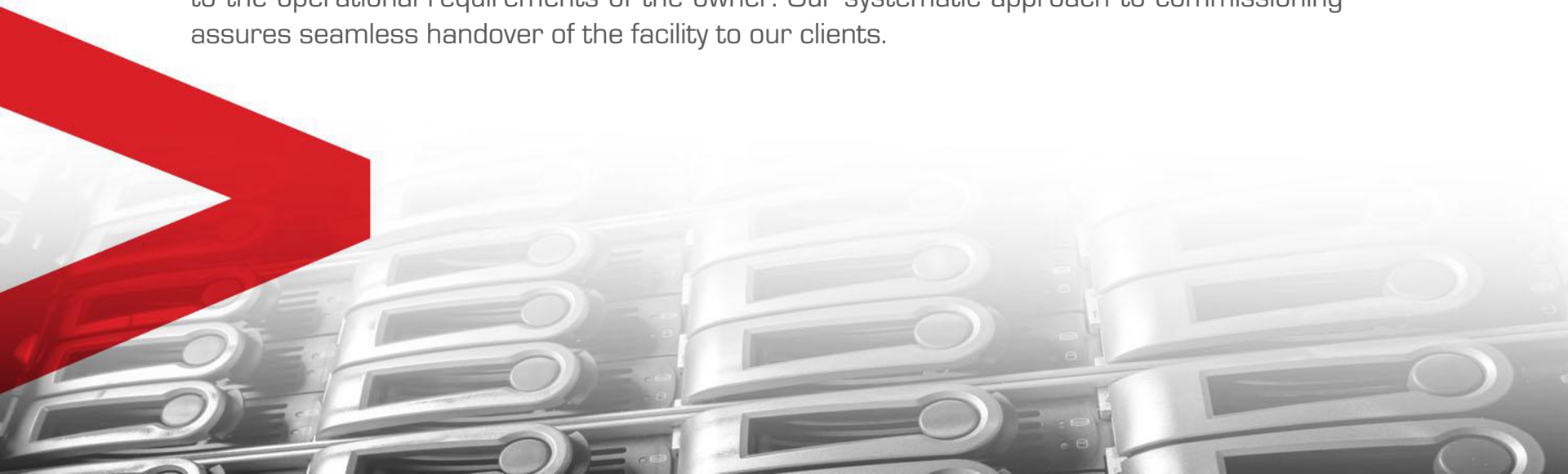
years of extensive experience

+100

Person resources shared with PD&P
(DIC sister company)

The DIC Profile

- > The partners worked together for over twenty years, combining complementary engineering expertise and sharing a passion for cutting edge projects. In 2012, they co-founded D-I-C with a mission to provide their clients with unparalleled capabilities, pushing the boundary of project design and delivery to the new levels.
- > Today, D-I-C stands as the partner of choice for clients looking for end to end innovative services that optimize performance, mitigate risks, and bring projects to full fruition on time and on budget.
- > Our experts have extensive experience in the overall commissioning processes and understand clients' requirements. We get engaged early in the process to ensure that the systems and equipment are designed, installed, tested, operated, and maintained according to the operational requirements of the owner. Our systematic approach to commissioning assures seamless handover of the facility to our clients.



Key Personnel

Antoine Dammous

35+ years leading engineering management and intelligent building solutions.

Leader in Engineering Management and Intelligent Buildings Solutions

Elie Siam

Telecom & site infrastructure expert; Accredited Tier Designer; authority in mission-critical design.

A world-class technology expert, leader in Telecommunication and Site infrastructure

Adib Schreim

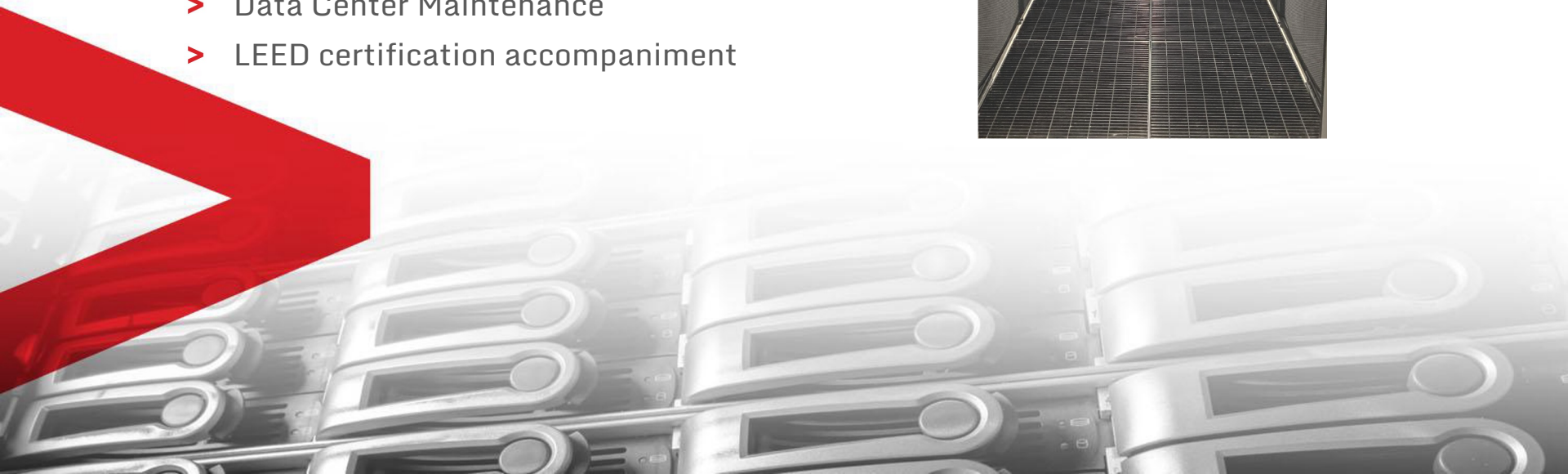
Accredited Tier Designer, LEED AP, CBCP;

Extensive experience in Data Center infrastructure and mission critical facilities.

Distinctive combination of engineering and construction management expertise.

Services

- > MEP design & design review
- > Facility Survey & Audit
- > Tier gap Analysis
- > Energy Efficiency Assessments
- > Data Center Commissioning Management (CxM)
- > Data Center Commissioning Agent (CxA)
- > Retro-Commissioning/Re-Commissioning
- > Design Built / EPC
- > Data Center Maintenance
- > LEED certification accompaniment



Clients and projects

Telecom Data centers

- DLR MRS 5 22MW IT load distributed with river cooling, Marseille, France
- Goodman 72 MW IT – Paris, France
- Data4 15 MW IT – Commissioning management mission – Paris, France
- nLighten PARO3 1 MW IT – Commissioning Agent mission – Paris, France
- nLighten SXB1 1.2 MW IT – Commissioning Agent mission – Strasbourg, France



Clients and projects

Banking sector

- Société Générale de Banque au Liban – Main Data center, Beirut
- Bank of Beirut and the Arab Countries (BBAC) – Main Data Center, Beirut and Disaster Recovery Center & Business Continuity Center, Baakleen
- Lebanese Canadian Bank – Main Data Center, Beirut
- Lebanon & Gulf Bank – Data Center Expansion, Beirut
- IBL Bank – Disaster Recovery Site, Byblos
- CSC Bank – Main Data Center, Beirut
- Emirates Lebanon Bank (Ex-BNPI) – Main Data Center, Beirut



Clients and projects

Banking sector

- Byblos Bank – Main Data Center, Beirut (Uptime Institute Certified as Tier III)
- Fransabank – Main Data Center, Beirut,
- Credit Libanais – Main Data Center, Beirut
- CSC 24/7 – Disaster Recovery, Larnaca
- Société Générale de Banque Jordanie – Main Data Center, Amman
- First national Bank – Main Data Center, Disaster Recovery, Beirut
- Banque Libano Française (BLF) – Upgrade of 4 existing Data Centers to Tier III



Clients and projects

Financial institutions

- Murex – Main Data Center, Beirut
- Bloomberg – Main Data Center DIFC, Dubai
- SAB Méditerranée – Main Data Center, Beirut
- Online Money Transfer (OMT) - Data Center Expansion & Renovation, Beirut



Clients and projects

Educational institutions

- American Community School Data Center
- Lebanese American University – Beirut main campus Data Center

Telecom operators

- Saudi Telecom (STC) – Main Colocation Data Center Riyadh
- Saudi Telecom (STC) – Colocation Data Center Dammam
- Etisalat UAE – Al Ain Data Center Tier III certification
- France Telecom (FTML) – South Lebanon GSM Switch
- MTC Touch – Main Data Center in new HQ in Saifi

Clients and projects

Governmental & Large Corporations

- Middle East Airlines (MEA) – Main Data Center in Beirut Airport
- Middle East Airlines (MEA) – Telecom Fiber & Copper Infrastructure for MEA buildings/campus, airport, cargo/TMA, aircraft maintenance yard/hangars and Cedar Jet (private jets airfield)



Selected projects



SAUDI TELECOM COMPANY

COLOCATION DATA CENTERS

Riyadh, KSA

Tier III Uptime Institute Certified

15MW IT load Colocation site

Design



DIGITAL REALTY (DLR)

DLR MRS 5

Marseille, France

LEED Gold Certification

22MW IT load distributed with river cooling

Design

Selected projects



ETISALAT

DATA CENTER

Al Ain, UAE

Tier III Uptime Institute Compliant Collocation

Prefabricated container modules facility

Design



CSC BANK

MAIN DATA CENTER

Beirut, Lebanon

Tier III Compliant Data Center

Supporting facilities & offices for credit card network

Design Built / EPC

Selected projects



MEA AIRLINES

BEIRUT INT'L AIRPORT HQ

Headquarter, Lebanon

Tier III Uptime Institute Compliant Data Center

Design Built / EPC



SAUDI TELECOM COMPANY

COLOCATION DATA CENTERS

Dammam, KSA

Tier III Uptime Institute Compliant Data Center

Design

Selected projects



CREDIT LIBANAIS

MAIN DATACENTER

Beirut, Lebanon

Tier III Uptime Institute Compliant Data Center

Design & Cx Agent



BANK OF BEIRUT & THE ARAB COUNTRIES

MAIN DATA CENTER

Beirut, Lebanon

Tier III Uptime Institute Certified (TCDD + TCCF)

Design & Cx Agent

Selected projects



MUREX HQ

DATA CENTER

Beirut, Lebanon

Tier III Uptime Institute Compliant Data Center

Design Built / EPC



MTC TOUCH Managed by ZEIN

MAIN DATA CENTER HQ

Saifi

Tier III Uptime Institute Compliant Data Center

Design Built / EPC

Selected projects



FRANSABANK

MAIN DATA CENTER

Beirut, Lebanon

Tier III Uptime Institute Compliant Data Center

Design & Cx Agent



FINANCIAL MEDIA

BLOOMBERG OFFICES

Dubai International Financial center

LEED Platinum Certified

Tier III Uptime Institute Compliant Data Center

Design & Cx Agent

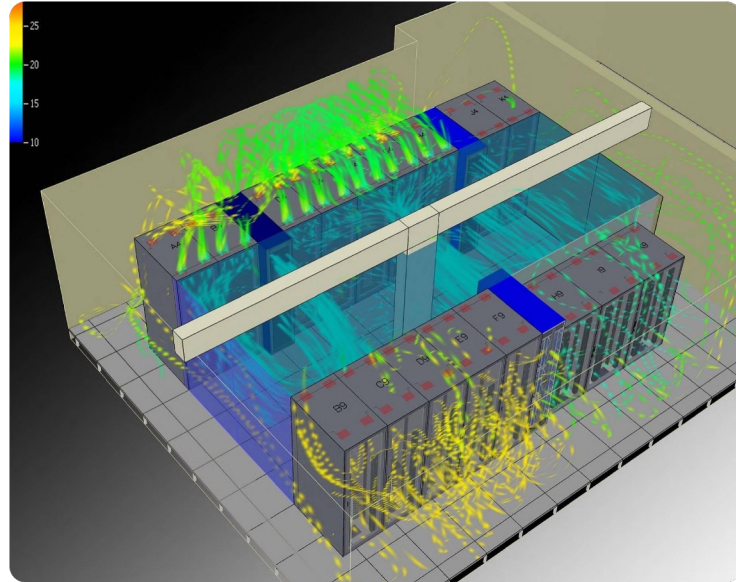
Projects insight



CSC Bank

LOAD Bank Testing

Cyprus Larnaca



CSC Bank

CFD Thermal Analysis

Cyprus Larnaca

Projects insight



**MEA AIRLINES AIRLINES - BEIRUT INTERNATIONAL AIRPORT Main Data Center
Green Building**

Beirut, Lebanon



Bank Audi



Managed by ZOIN



Bloomberg

BEIRUT, LEBANON

Lebanon & Gulf Bank Bldg.,
Dora Highway
Phone: +961 1 255002

DUBAI, U.A.E

202 Le Solarium Bldg., Dubai
Silicon Oasis
Phone: +971 4 2730873

PARIS, FRANCE

73 Rue de Vaugirard, 75006
Paris
Phone: +33 7 6363 4986