Tomorrow is not just a continuation of today. At Larsen & Toubro, we see tomorrow as a whole new world of possibilities. So we are developing the capabilities that will help shape those possibilities into a reality that better fulfils the needs of our Customers.

In the sphere of Control and Automation, we apply the expertise acquired across decades and across multiple industry sectors to give new shape and meaning to tomorrow...

About us
Control & Automation (C&A) is a Strategic Business Unit of L&T Electrical & Automation. It is part of Larsen & Toubro – the multibillion India-based conglomerate, engaged in technology, engineering, construction and manufacturing, and financial services and has a track-record of projects that set industry benchmarks in scale and sophistication. Our solutions are the outcome of well established innovation practices that are focused on meeting the needs of a variety of Customers.

An industry major in the Electrical and Automation space, C&A has an expansive product portfolio, with a reputation for quality, an innovative outlook and strong customer orientation.

C&A is a market leader in delivering Integrated Electrical & Automation solutions in India and overseas. With over three decades of experience in diverse segments, C&A delivers value through comprehensive solutions that are based on varied technology platforms and incorporate the benefits of its wide ranging experience.

The future belongs to those who can 'learn, unlearn and re-learn'. At L&T our track record is 'live' – continuously updated and upgraded with new learnings and developments...

C&A Integrated Solutions deliver value through systems design, application engineering, application software, documentation, commissioning and life cycle services to ensure consistently high performance.

EPC Contractors / OEMs, Consultants and End Customers are served through a strong team of engineers who architect solutions backed by robust engineering and intelligent software development, supported by domain experts.

The past may have had answers. The future will have solutions...

Industries are looking for solution providers who address their needs with a near 360° perspective. L&T is widely acknowledged for its ability to provide precisely these kinds of solutions.

Extended to the Electrical & Automation space, the concept means that customers get completely engineered solutions on multiple platforms. With

Verticals & Applications...

Minerals & Metals
Cement, Mining, Ferrous & Non-Ferrous
- Cement Plant E&I
- Iron & Steel making E&I
- E&I for Bulk Material Handling
- E&I for Ports

Oil & Gas
Upstream, Midstream and Downstream
- Integrated Process Control
- Pipeline SCADA
- Emergency Shut-down and Fire & Gas
- Terminal Automation & Tank Farm

Power
Generation, Transmission and Distribution
- Integrated controls for Boilers and Turbines
- Station C&I
- E. C&I for CHP, AHP, WTP
- E&I for Solar Plants
- Smart Grid

Infrastructure
Highways, Ports and Metro Railways
- Highway Traffic Management
- Metro Rail BMS & AFC
- Airport Baggage Handling
- Power Management
- Smart City & ITS

Buildings
Hotels, Hospitals, Factories, Malls, Data Centres
- Substation
- MV / LV Power Distribution system
- ELV / CCTV / Fire Detection & Alarm Systems (FDAS) with suppression solution
- Access Control
- Lighting Control

Electrical, Drives, Automation, SCADA, Instrumentation, Telecommunication, IT
proven capabilities across
value chain from Proposal,
Project Planning, Project
Engineering, Application
Engineering, System Study
and Integration Design,
Software Development,
Integrated Testing / FAT,
Commissioning / SAT to
After Sales Services, C&A assumes
single point responsibility
to deliver completely
engineered solutions at
agreed time and cost.

Also implicit in the Integrated
Solution concept of delivery is
a professional approach to
risk management. Drawing
from C&A’s experience in the
field, all risks are identified,
appraised and effectively
addressed. End customers are
insulated from risk and can
be assured of on-time project
delivery, at minimum cost of
ownership to all stakeholders.

Expertise must translate
into a future of
demonstrable and measurable change. C&A’s
expertise extends across
the spectrum – from
engineering software to
post commissioning assistance...

This ensures every Plant
operates at highest efficiency
and with maximum productivity. All our processes
are laid on the strong foundations of internationally
accepted quality standards.

C&A services team ensures
that every equipment is tested
first on ‘no-load’ condition as
a part of safe working
practice to ensure equipment
& personnel safety followed
by the ‘full-load’ trials &
Commissioning. For Systems
Solution the team ensures a
Integrated Site Acceptance
test (SAT) demonstrating the
performance of the systems
to the satisfaction of the
Customer.

C&A ensures a culture of
Safety is followed in all its
operations and has a
dedicated team of safety
officers deployed at all sites to
ensure safe practices followed
in all its activities.

Engineering Software
Services

C&A also offers Engineering &
Software Services (ESS) to
Domestic & International
clients. The ESS solution
portfolio includes software
and driver development,
Cyber Security Assessment for
Application & Automation,
Engineering Services for PLC,
SCADA & MES encompassing
functional design
specification, FAT, SAT, remote
plant monitoring, support and
Training. This enables C&A to offer
seamless connectivity
between process-floor and
business IT systems to global
customers.