

Valiant Communications Limited

(An ISO 9001:2015 and ISO 14001:2015 Certified Company)

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Date: 12-08-2021

The Secretary,
BSE Limited
Phiroze Jeejeebhoy Tower,
25th Floor, Dalal Street,
Mumbai – 400 023

Reference: Press release on “GPS/GNSS Synchronization product update.”

Dear Sir/ Madam,

With above reference, please find enclosed herewith the press release in compliance with SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

We hope you find the same in order.

Sincerely,

For Valiant Communications Limited

Manish Kumar
Company Secretary

Encl.: As above



GPS/GNSS Synchronization product update

Valiant Communications offers one of the most comprehensive Synchronization product range in the industry, globally. Applications range from Utilities, Railways, Financial Institutions, Defence and Mobile networks including 4G and 5G networks.

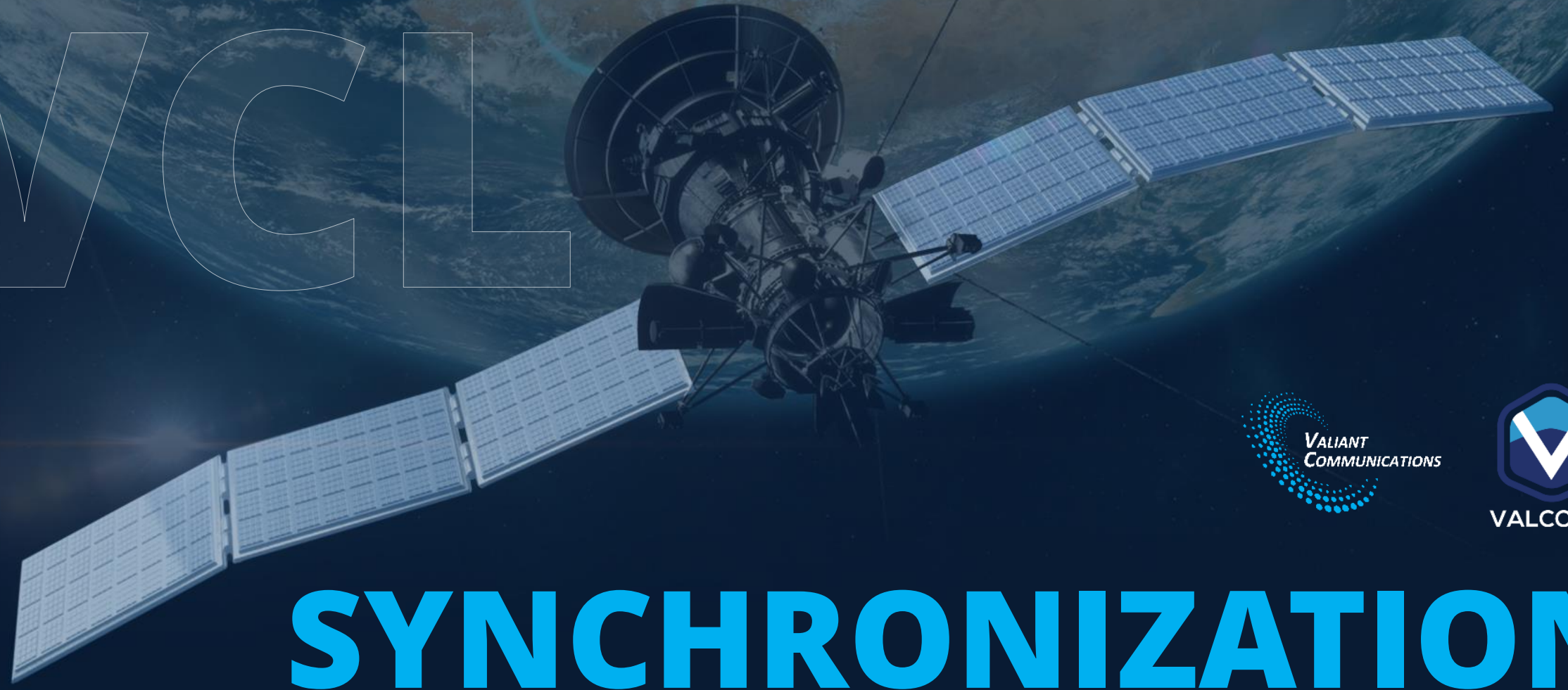
Valiant comprehensive range of Synchronization solutions include Time Synchronization, Time Distribution, Frequency and Phase Synchronization. Valiant Primary Reference Master Clocks (complaint to ITU-T G.811), PTP 1588v2 Grandmaster, PTP Slaves, PTP Switches, NTP Time Servers and other Time Distribution solutions are being used by reference customers including Power Grid (PGCIL), TANTRANSO, MSCTCL, TEİAŞ Türkiye Elektrik, TRANSELECTRICA Romania, EVN Vietnam, PLN Indonesia, TNB Malaysia, National Grid Philippines, AXPO Switzerland, ABB, Siemens, Schneider-Electric, Harris Corporation, Thai Railways, Sri Lanka Railways, L&T, HDFC Bank, CDSL etc.

Valiant has been recently won orders from EGAT Thailand to provide Synchronization solutions in the Thai Utility network. Valiant has also been short-listed by Emerson and Yokogawa for their requirement of Synchronization solutions.

Valiant has completed its equipment supply of NTP Time Servers in over 250 sites with 154kV and 380kV capacity Sub-stations to TEİAŞ Turkish Electricity.

Valiant is focused on becoming a leading global supplier of Synchronization products and solutions to its customers.

WCLL



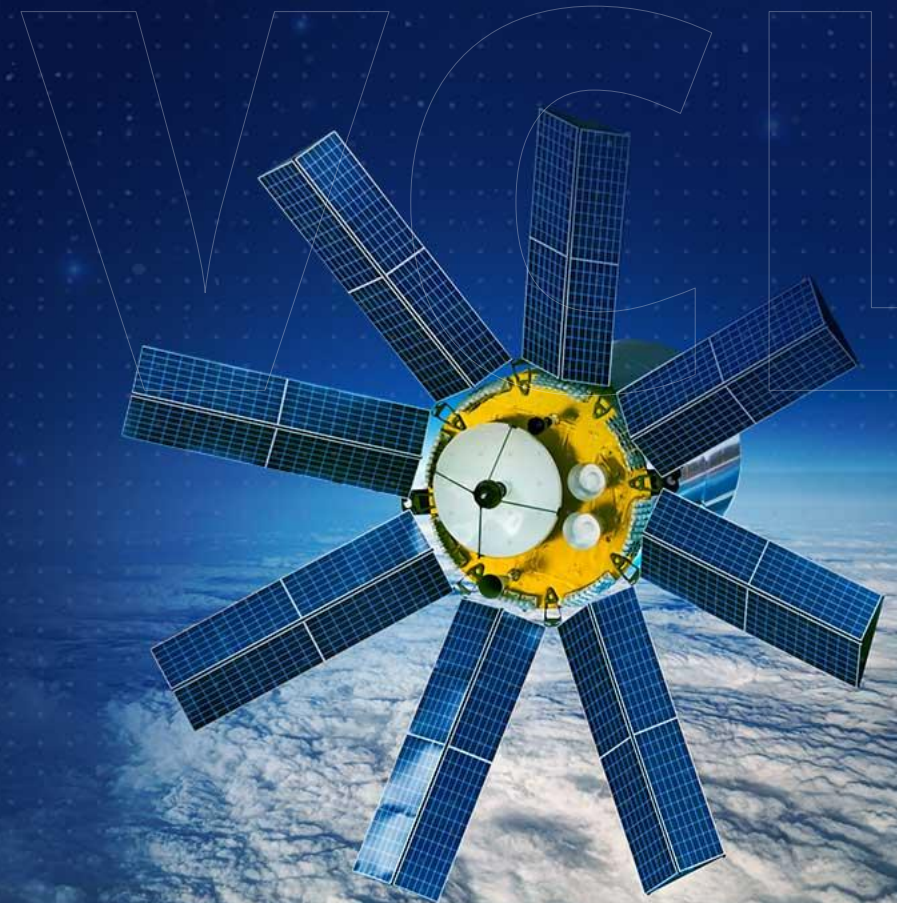
SYNCHRONIZATION SOLUTIONS

GPS/GNSS Synchronization solution



- Time Synchronization – **PTP 1588v2, NTP**
- Time Distribution – **NTP, IRIG-B**
- Frequency and Phase
 - **Primary Reference Clock, PTP 1588v2**

GPS/GNSS



NTP TIME SERVERS



- NTP Time Servers* with 1G and 10G Options
- NTP Client / NTP Slave

**From 5000 to more than 1 Million requests per second.*

NTP



PTP 1588v2 (Precision Time Protocol)

- PTP 1588v2 Grandmaster
- PTP Slave Clocks
- PTP Switches
- PTP Transparent Clocks

PTP
1588v2

GPS/GNSS

Primary Reference Clock (ITU-T G.811)

- Primary Reference Master Clocks (ITU-T G.811)
- SSU (Synchronization Supply Unit)
 - fully redundant (1+1) architecture
 - GPS/GNSS, E1, NTP, PTP

VCL



TIME DISTRIBUTION SOLUTIONS



- GPS/GNSS/NTP
- Supported interfaces IRIG-B, 1 PPS, NMEA, 1/5/10MHz, 2.048MHz, 2.048Mbits clock outputs
- GPS to IRIG-B converters
- NTP to IRIG-B converters
- PTP to IRIG-B converters

VCL



VCL UNIFIED NMS

Network Management Software



Monitor all Synchronization devices **From Central location**

It monitors, logs and reports **alarms and events** in "real-time"

This platform provides the user, the data, to conduct real time **Network Synchronization analysis**

Identify the points of **Network disruption**

PRESTIGIOUS REFERENCE CUSTOMERS



End-users, using VCL equipment



ABB



Siemens



Schneider Electric



Power Grid (PGCIL)



Turkish Electricity Company



Tantransco



Perusahaan Listrik Negara



Vietnam Electricity



TNB Malaysia



National Grid Philippines



AXPO Switzerland



Harris Corporation



Sri Lanka Railways



L&T



HDFC Bank



CDSL



MSCTCL

VCL

GLOBAL DISTRIBUTION NETWORK





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