

SatcoDX

India

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Recently, a new SatcoDX AutoScan station was set up in India. Now, SatcoDX stations automatically detect all satellite channels transmitted over India, using scan software that was developed in-house at SatcoDX. With the currently two stations – one of which is located in Thiruvananthapuram in southern India, the other one on New Delhi to cover the North – SatcoDX is now able to analyse almost all beams that can be received in India.

The Thiruvananthapuram AutoScan station has been operational for two years now and is managed by Satheesan, a very committed satellite DXer with many years of experience in the field of satellite reception. "I set up my first dish twelve years ago," Satheesan proudly tells us.

Since then his antenna farm



has grown steadily, a development that was helped by the fact that he has more than enough free space for this. Meanwhile he receives all satellites available at his location.

For SatcoDX he runs six PCs, each of which scans four beams, making it a total of 24 beams which are being scanned by Satheesan 24/7. This way new channels are detected

almost immediately and their parameters are entered automatically into the SatcoDX frequency charts.

For several months now the Thiruvananthapuram SatcoDX AutoScan station has been complemented by an additional station in New Delhi which is operated by computer engineer Siddharth. He reveals that "I have some ten years of experi-

ence of feed hunting and up to today I was able to receive virtually all satellites positioned in the orbit above India."

As he lives right in New Delhi, space had become a major drawback and at the moment Siddharth is in the preparation stages for relocating to a place outside New Delhi so that he can keep receiving all signals at his new location in Moradabad.

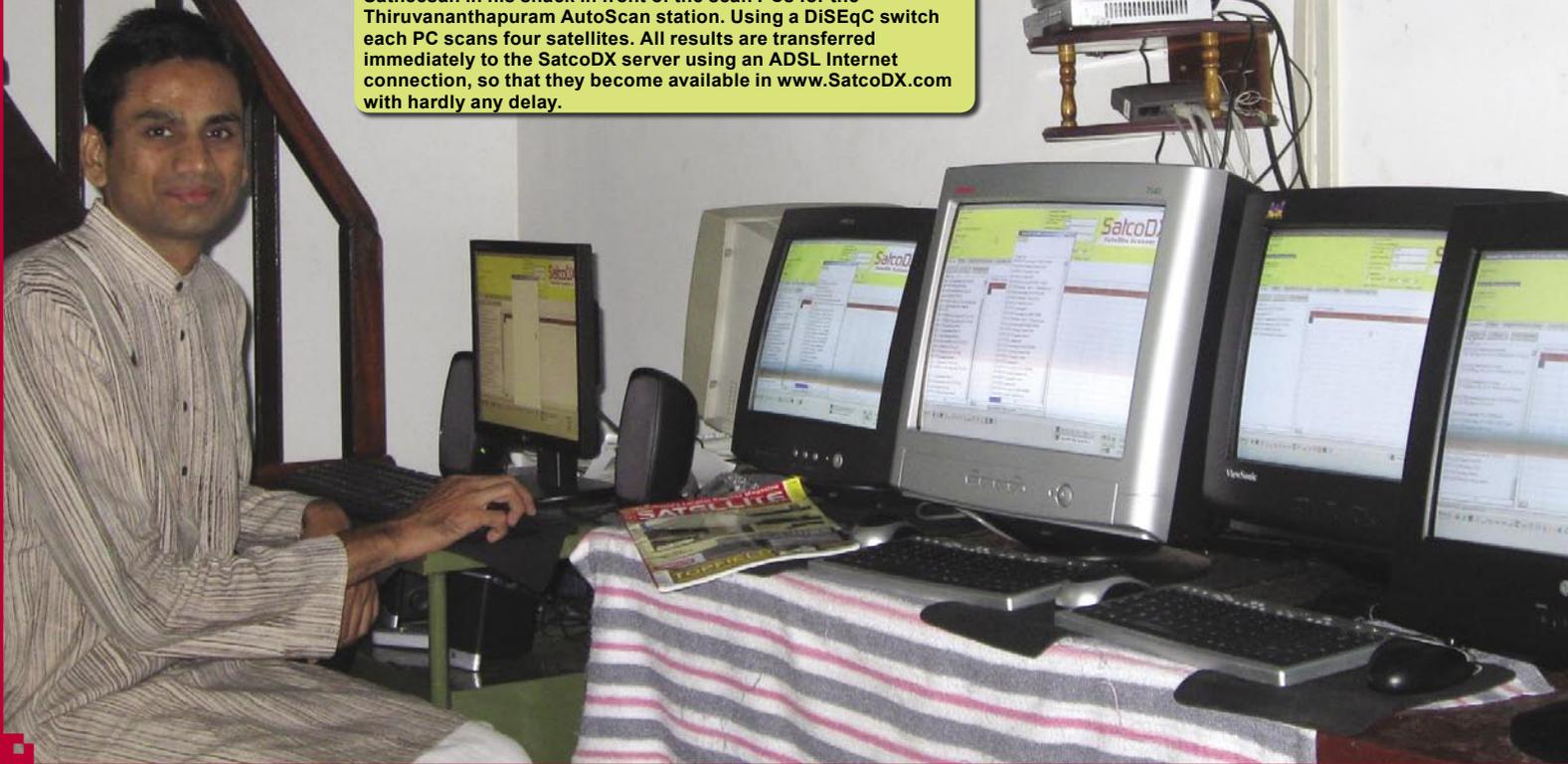
There he will have more space to set up additional dishes for receiving northern signals as well.

Once the new station is up and running SatcoDX will be able to receive and analyse virtually all beams available in India and thus will offer up-to-date satellite charts free of charge to all and everyone at www.SatcoDX.com

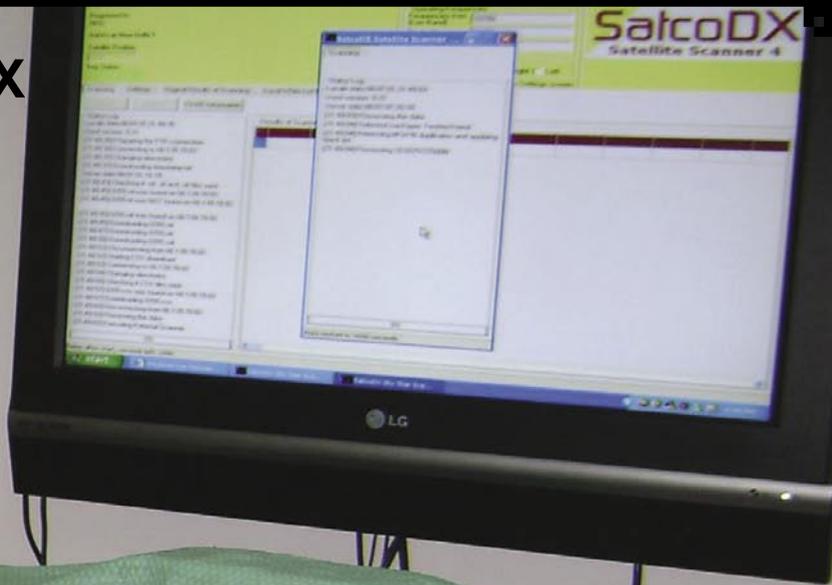


Thiruvananthapuram SatcoDX AutoScan station (Federal State of Kerala) *Satheesan Puzhakkara*

Satheesan in his shack in front of the scan PCs for the Thiruvananthapuram AutoScan station. Using a DISEqC switch each PC scans four satellites. All results are transferred immediately to the SatcoDX server using an ADSL Internet connection, so that they become available in www.SatcoDX.com with hardly any delay.



New Delhi SatcoDX AutoScan station *Siddharth Gautam*



Siddharth in his shack in front of the PC at New Delhi SatcoDX AutoScan station





This 10-foot dish is aligned towards BADR at 26° East. It was assembled on site and was designed by a local craftsman.



Assembly of a commercial 10-foot dish



Close view of the 12-foot dish: with a little bit of improvisation it is possible to receive eight beams, namely (from above): APSTAR 6 at 134E, VINASAT 1 at 132E, JCSAT 3 at 128E, ASIASAT 4 at 122E, CHINASAT 6B at 115.E (this LNB is the one that is in focus), NSS 11 at 108 in the Ku-Band, ASIASAT 3S at 105.5E und ASIASAT 2 at 100.5E



One bag of cement is mixed up on the roof...



...and the mast foundation is erected using some 200 bricks



Satheesan's antenna farm for the Thiruvananthapuram SatcoDX AutoScan station in southern India



The satellite installer mounts the LNB on the feed rodings...



... and takes care of fine-tuning once the dish is set up.



Done! The antenna is now perfectly aligned to receive EUROIRD 2 signals at 25.5E.