Soi Dog Foundation | Asia Pacific | Thailand | Non-profit | Digital infrastructure

A solid networking infrastructure helps Soi Dog *save more animals*

At a glance

Which services?
- Professional Services
- Logistics and Procurement

Which technologies?
- Cisco MR42 Indoor wireless AP
- Cisco MR66 – Outdoor wireless AP
- Cisco MS320-24P – 24 port switches
- Cisco MS320-48FP – 48 port switches
- Cisco MX100 Security Appliance
- Cisco MV71 – Outdoor Camera

Which partners?
Cisco

'**Soi Dog** *Foundation is the largest animal welfare organisation in Asia specialising in the treatment, rehabilitation and rehoming of street dogs and cats*, and we've recently reached a milestone of sterilising over 150,000 dogs and cats. We're now able to provide much-needed medical treatment to a growing population of animals thanks to always-on network connectivity.'

John Higgs, CEO, Soi Dog Foundation

Why Soi Dog Foundation needs a strong network to improve operations and reach more animals

Soi Dog Foundation's mission is to improve the welfare of dogs and cats in Asia, resulting in better lives for both the animal and human communities, to create a society without homeless animals, and to ultimately end animal cruelty. The charity needed a solid, stable network to provide connectivity for its team of 12 shelter vets to efficiently upload and manage the data of animals they treat. Vets can treat up to 180 animals daily.

How the network was architected to meet Soi Dog's requirements

Cisco Systems donated the required network and camera equipment and we deployed and configured the equipment as part of an annual team building exercise. The network now consistently provides a reliable user experience across five buildings and outdoor areas.

What a future-proof network means for the welfare of animals

A reliable network connection ensures data integrity and an accurate record of the medical treatments Soi Dog provides. Vets can upload important data on animals' treatment plans from any mobile device and anywhere on the property.

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'The most important contribution Dimension Data has given Soi Dog is that vets can have 24/7 access to our cloud-based shelter software.'

Spencer Hardy, IT Manager, Soi Dog

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Soi Dog Foundation is the largest animal welfare organisation in Asia specialising in the treatment, rehabilitation and rehoming of street dogs and cats in Asia, and is a registered charity in Thailand, the US, Australia, the UK, France, Canada and Holland. The charity helps homeless, neglected and abused dogs and cats of Thailand and also works to end the dog meat trade throughout Asia.

The charity's existing network mostly consisted of SOHO wireless routers and switches built up over time and managed by volunteer staff. Expansion of the facility in Phuket, coupled with organisational growth of around 200 permanent and volunteer staff meant that this infrastructure was under increasing capacity, coverage and management pressure.

The charity required a stable wireless network, enabling vets to access a cloud-based animal record software platform containing important data on the animals they treat daily. Limited wireless coverage and access to terminals in the hospital was a major issue.

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We worked with Soi Dog to map out the networking requirements for its employees, including vets, fundraising and administration staff and volunteers. A wireless site assessment was then carried out to ensure sufficient levels of wireless coverage. Once capacity and coverage requirements were established, the core network was designed to support these requirements, as well as to cater for further expansion.

Forty engineers worked in teams to rip and replace the legacy network with the new equipment in the office building, isolation area, shelter and rehoming centre, cat hospital and the main hospital, as well as replace the existing surveillance cameras. The entire new infrastructure is now managed from a single web console, giving full visibility across the network.

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Soi Dog is now equipped with secure, pervasive, wireless access across the six acre property. Visibility across the network simplifies management and troubleshooting for the small IT team on site. The network is always available, which means that vets can access animal records more easily and quickly, and therefore treat them more effectively.

The charity runs social media marketing campaigns to promote awareness of their cause and adoption programme. Pictures of dogs that are up for adoption are posted on Facebook, where Soi Dog communicates with potential adopters from Europe and North America.

The fundraising team is now able to work more efficiently with a stable Internet connection. Fundraising documents are created and sent to potential donors without any delays in communication due to network down-time.

Soi Dog has bought the adjacent land to their existing property and plans to build an office building and education centre in the near future. They are also extending the cat hospital. The network is geared for future growth and can easily be expanded.

Technology accelerates digital business

'The integrity of our data is so important and without that, we have no way of knowing what we've treated the dogs and cats for in the past. We now have reliable network connectivity which has drastically increased our operational efficiencies.' - Martin Turner, Marketing Manager, Soi Dog