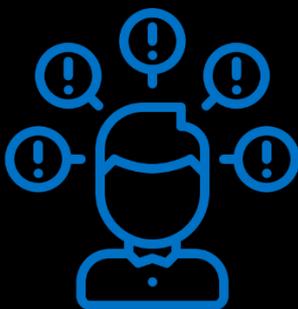# CONCREMAT

VENHA PRA NUVEM designed and implemented all of AZURE's architecture for CONCREMAT with the Migration of 40 Servers for NUVEM without any impact to the Business.

Concremat occupies the first place in the ranking of the largest consulting engineering companies in Brazil. With 65 years of experience in the national market, the organization has grown, diversified and today brings together the following businesses: Concremat Engenharia, Concremat Ambiental and Concremat Inspections & Laboratories. Our goal is to offer integrated engineering and management solutions to clients, companies and society, always leaving the best contribution to the sustainable development of the country.

In 2017, Concremat Engenharia e Tecnologia became part of the China Communications Construction Company - CCCC group. Ranked 3rd in the Engineering News-Record international ranking, the CCCC is one of the world leaders in the construction and infrastructure projects segments, with more than 100 years of experience.

The company is headquartered in Rio de Janeiro and branches strategically located in nine Brazilian capitals - São Paulo, Belo Horizonte, Vitória, Brasília, Fortaleza, Recife, Salvador, Manaus and Porto Alegre.

PROBLEMS N' DIFFICULTIES

CONCREMAT has an internal data center hosted in VMWARE with several virtual machines, besides an on premises environment with several devices either.

The current external structure is near the end of its supplier warranty and the on premises environment is obsolete and can´t meet the company´s goals anymore. On top of that, there is no complete environment backup. The customer needs to renew its on premises environment, which entails a huge investment to keep its minimum technological standards.

OUR SOLUTIONS

The ideal solution for the customer is to move all its environment to Microsoft Azure with a direct connection to the local netwok through ExpressRout and environment management with MSP.

To cut the high renewing costs of the on premises environments. To create a new hosted servers environment with high degree of availability and scalability with easy configuration to meet the company´s demands. To provide an environment with full backup of all company´s data, virtual and on premises.

The OMS monitoring is happening normaly and the support team is focused to handle any problem ASAP while reviewing the servers usage to meet the optimum level of consumption and customer satisfacton.

The customer now has a unified environment which gives a lower management cost and optimized management process (OMS portal). The need to expend a huge sum to buy new servers to replace the obsolete on premises ones was avoided. The danger of data loss was prevented too due to Azure backup. On top of that the customer gained the possibility of augmenting its computing power or cutting costs because of the Azure flexibility.