



ChronoSat  
Global Ultimate Communications

# Welcome

We are here for making your info needs  
accessible since having experience,  
technology and knowladge enough

# Agenda

1

**Flexible  
tariff plans**

2

**Shared Services**

3

**Shared Services  
for end users on  
industrial facility**

4

**Business  
case**

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# Firma ChronoSat GmbH

**Newtec**

**Established 2000**

**Dialog**

Teleport with C-und Ku-Band antennas



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# Our strategic priorities



Managed & tailored  
telecom services



Satellite platform +  
DIALOG (Newtec)



True Broadband  
Data centric, Mobile  
Voice over WiFi



Centralised  
management,  
remote support



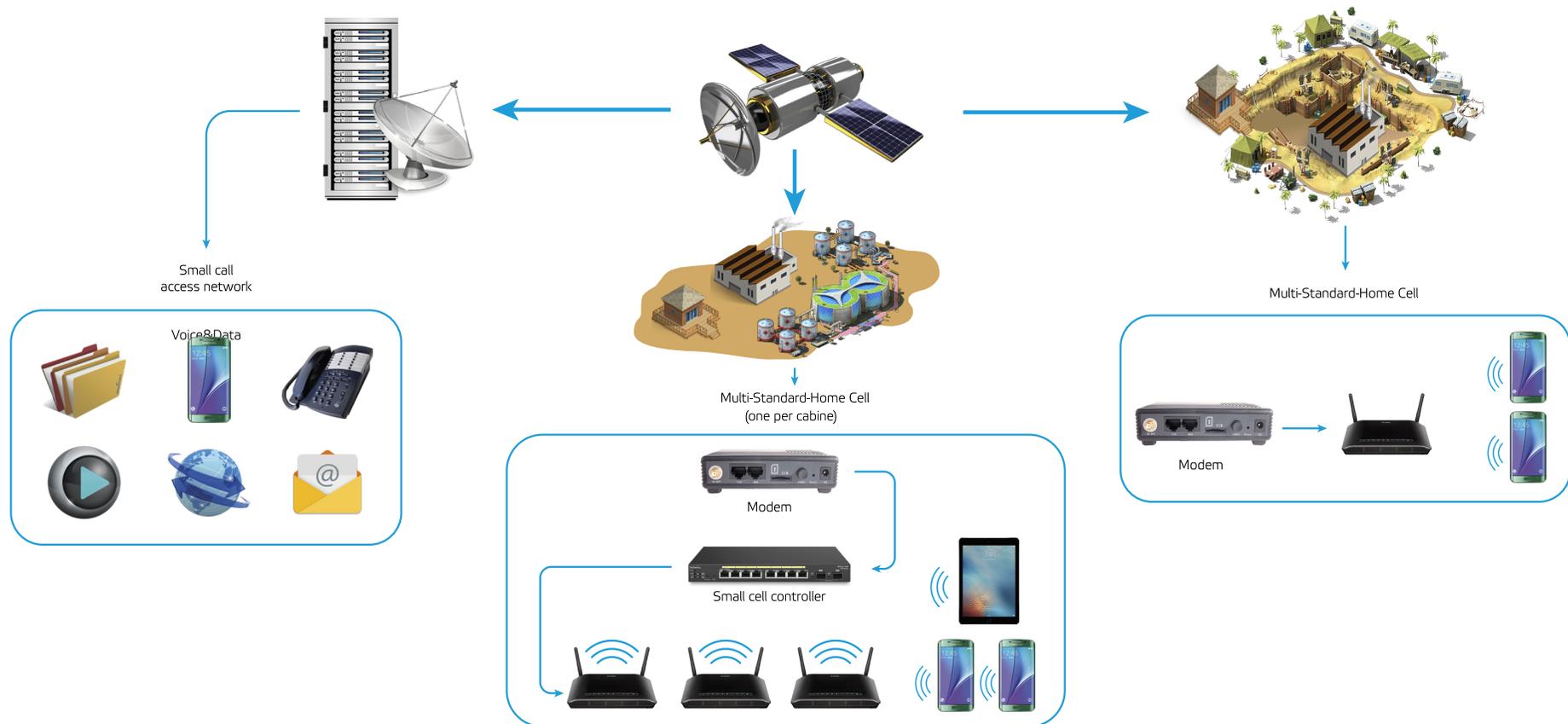
Payments via  
standard Pay  
Systems



Target region –  
Europa, Near East,  
Africa, Middle East

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# VSAT Networks



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# VSAT Network for enterprise Internet Access Center

1

## **GEOLOGICAL CAMPS**

Flaxible far  
idf plans

2

## **MINERAL MINES**

Individual accounts  
for each employee

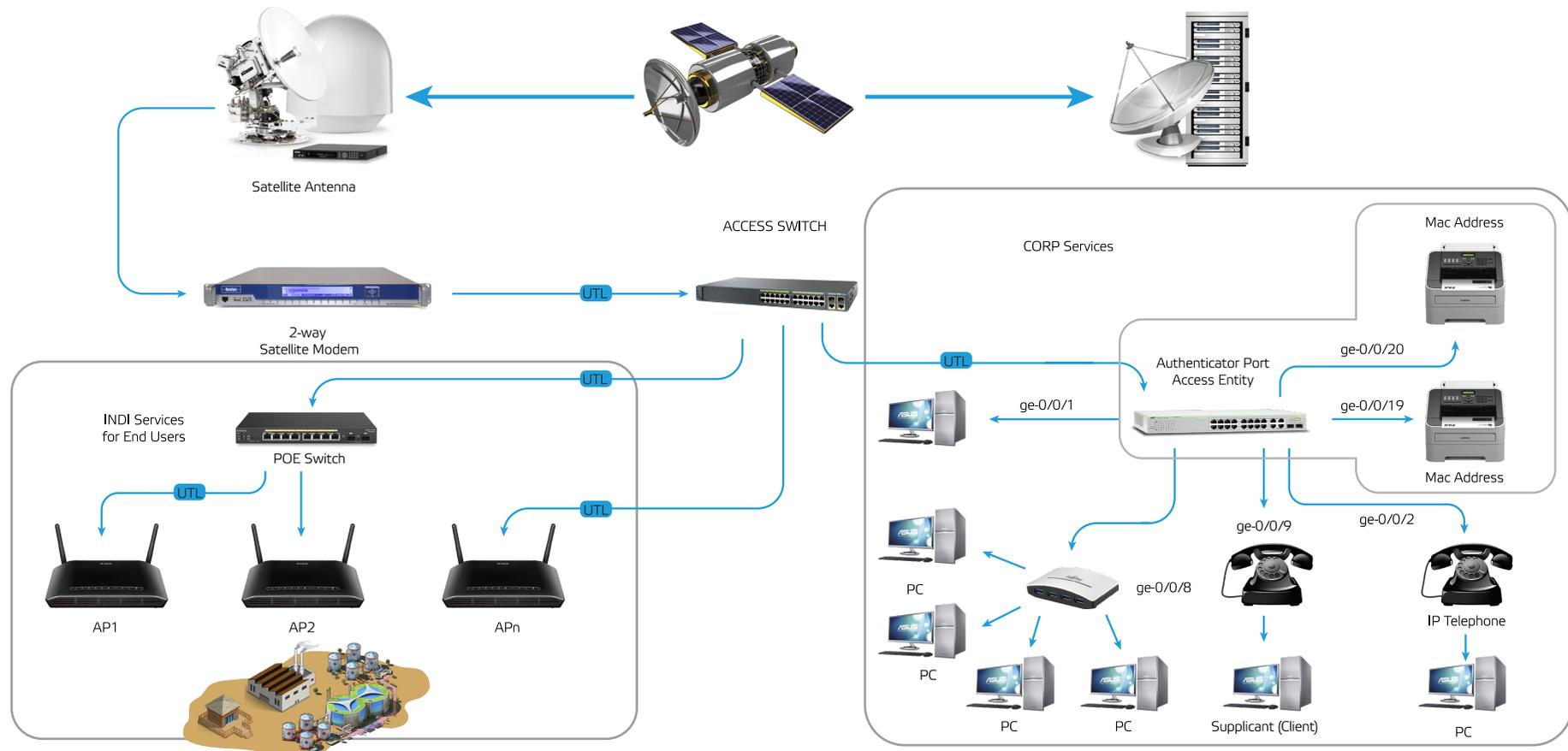
3

## **PROCESSING PLANTS**

Individual statistics

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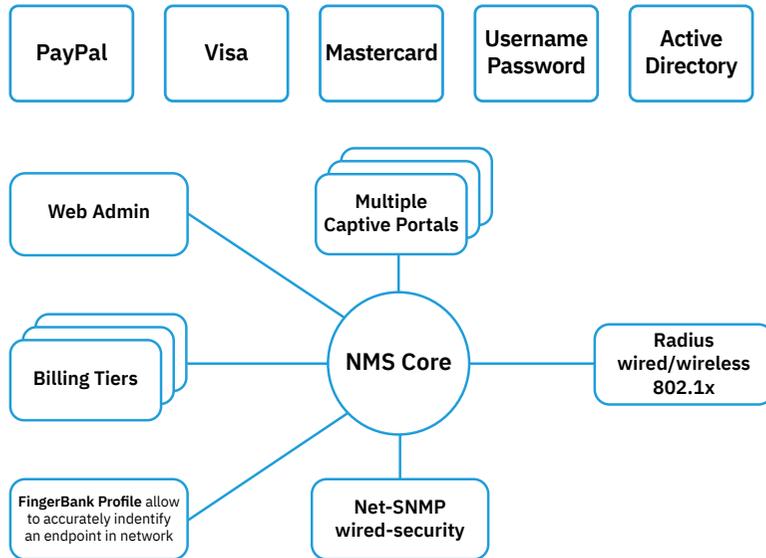
# Network architecture



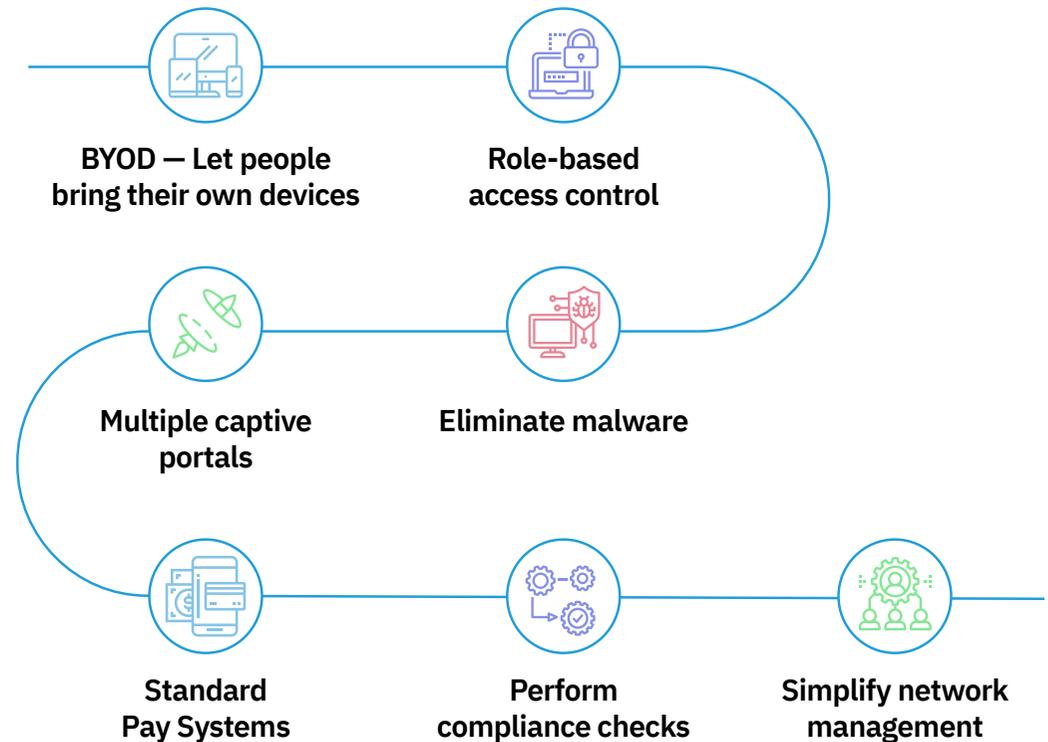
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# Network Management System

## Authentication Sources

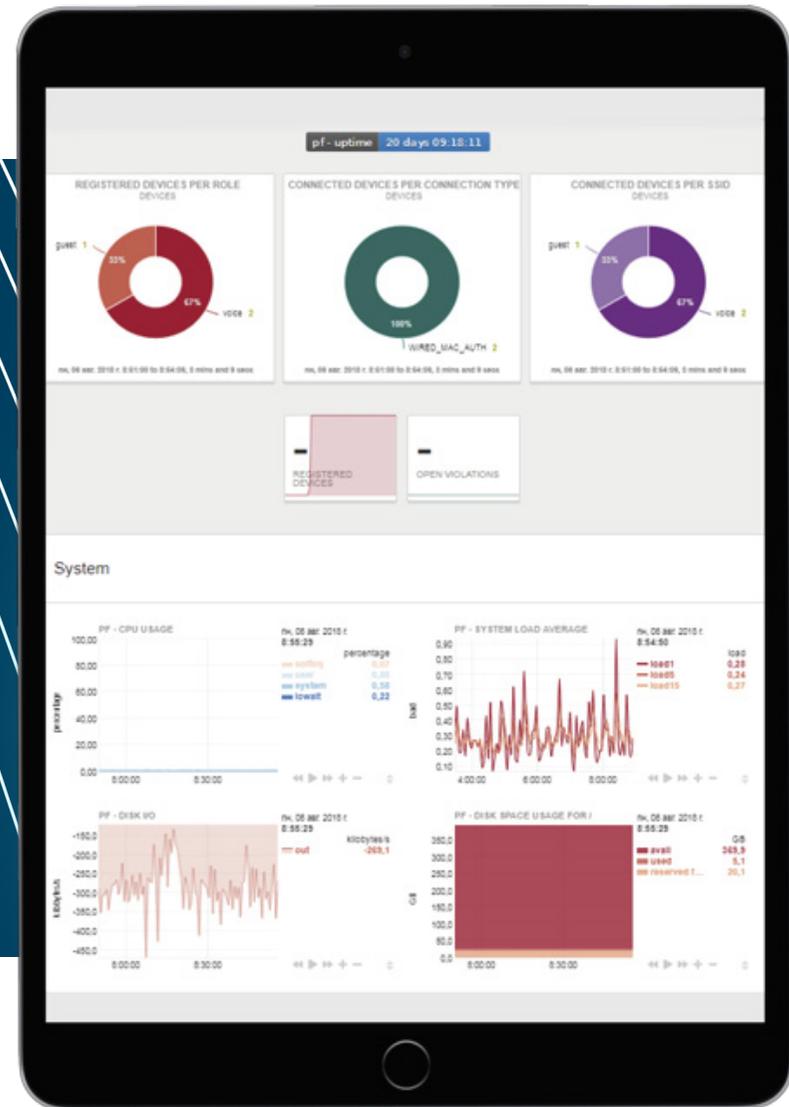


## Router / Switch / VoIP / Wireless Controller / Access Point



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# Dashboard of NMS



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# Hub of Dialog Plattform

<b>Satellite networks</b>	<b>Up to 4</b>
<b>Terminals MDM33XX</b>	<b>Up to 168</b>
<b>IP Throughput</b>	<b>Up to 800 Mbps</b>
<b>Hub packets per second</b>	<b>Up to 75.000 for Satellite network</b>
<b>TCP sessions</b>	<b>Up to 64.000 for Satellite network</b>
<b>Availability</b>	<b>99,5%</b>



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# Consumer Internet Access & Mobile Voice service INDI

Service intend for end users Internet and mobile networks  
WLAN access through satellite links

## Features:



Centralized management & control of network



Satellite Plattform DIALOG (Newtec)



Broadband over WiFi



Mobile Voice over WiFi



Tarifs on the base bandwidth, data or time



Payments through Paysystems

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# Enterprise Connectivity Service CORP

Service intend for SME Internet/Intranet  
access through satellite links

## Features:



Centralized  
management &  
control of network



Satellite  
Platform  
DIALOG (Newtec)



Isolating enterprise  
and consumer  
Networks



Tariffs on the base  
bandwidth, data  
or time



True Broadband  
connectivity with  
troughput up to  
100/25 Mbps



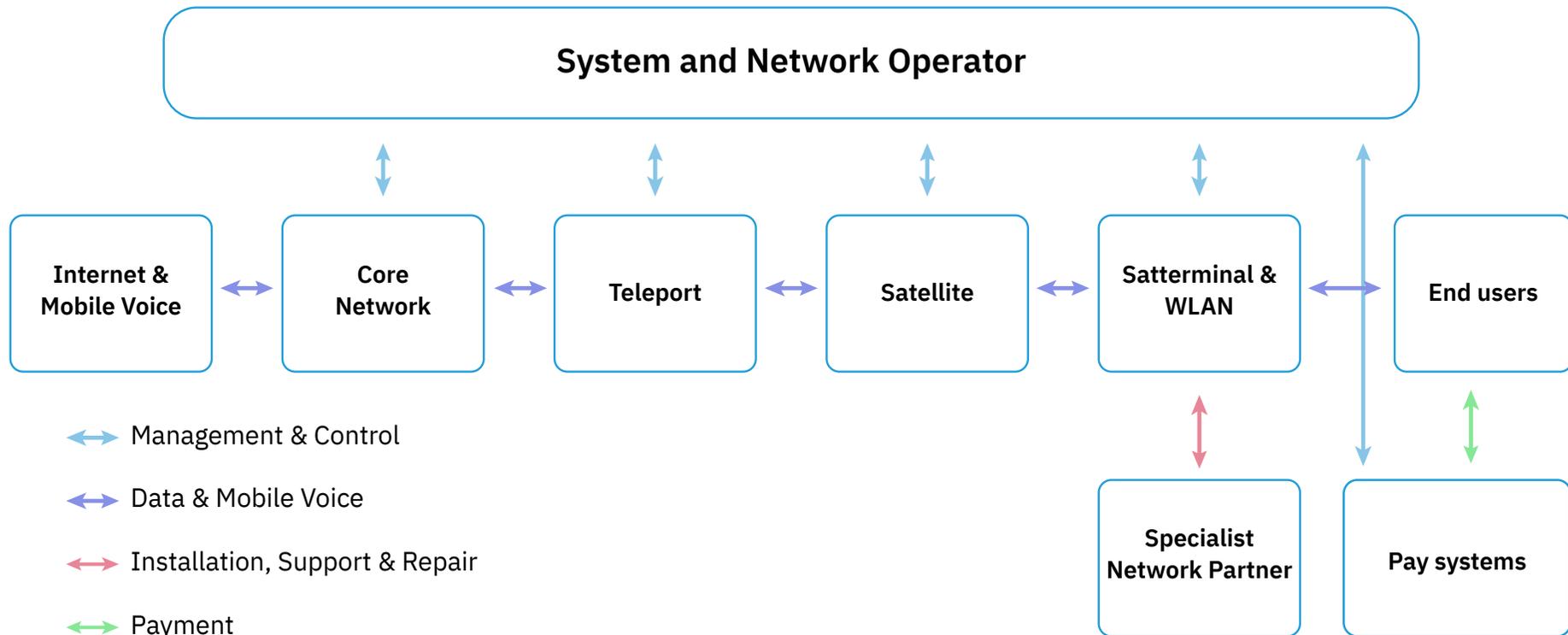
A few classes of QoS with  
different CIR/PIR in addition  
to a burstable PIR up to  
100 Mbps



Support of the real times  
applications, big data  
transmission and backup

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# Technical diagramm of the INDI service on board Ferry



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# Tarif plans

1

**Packages with data allowance plans**

2

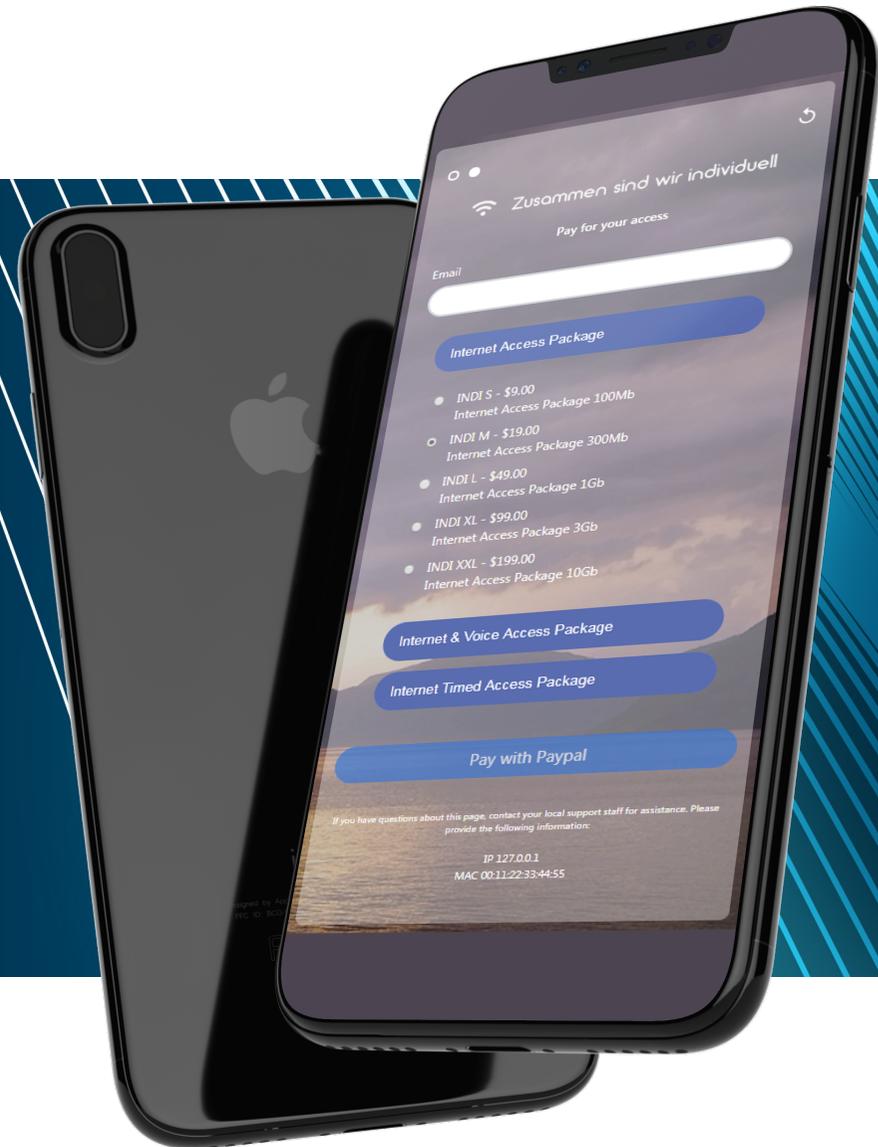
**Packages with data allowance plans + fixed charge for access to VoWiFi**

3

**Packages with time dependend plans**

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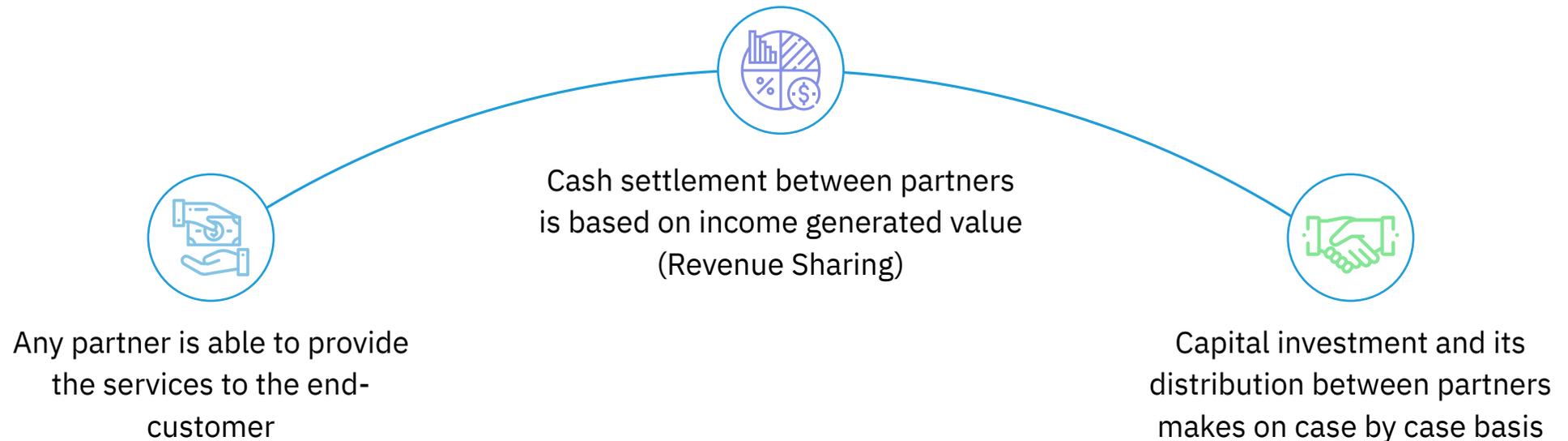
# Screenshot of users smartphon



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# Business Case

There is a two actors on the business scena



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