

# TeleTIP

Process based cloud solution for telemedicine







Promet was incorporated in 2008 by a team with the industry-specific experience of many years.

With our objective to be a reliable source for being consulted on IT investments, we provide services with solution-focused professional structure and pro-active percept.

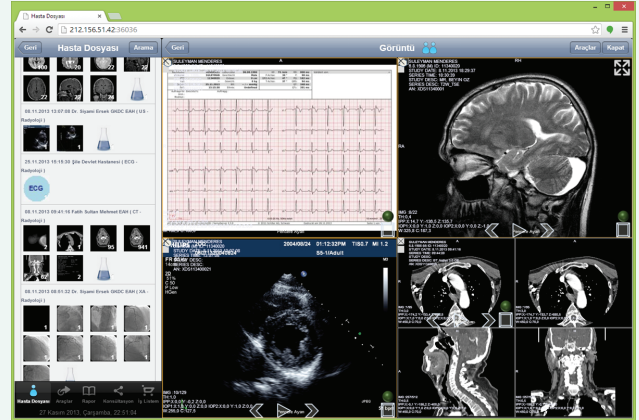
As a continuously self-developing, healthy-growing and challenging system integrator company, we have been, yet are proceeding in line with our objectives on telemedicine and IoT for health solutions with desing thinking approach to customer needs.

# TeleTIP

Process based cloud solution for telemedicine



# Medical Data Access



Medical data archived in HIS and PACS in hospitals country-wide, are collected and stored in the cloud platform Teletip as electronic patient records. Doctors can access their patients' archived data at multiple hospitals using any mobile device or web browser.

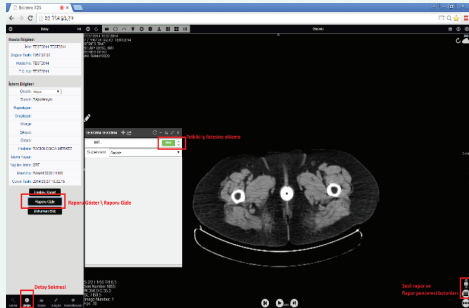
# TeleTIP

Process based cloud solution for telemedicine



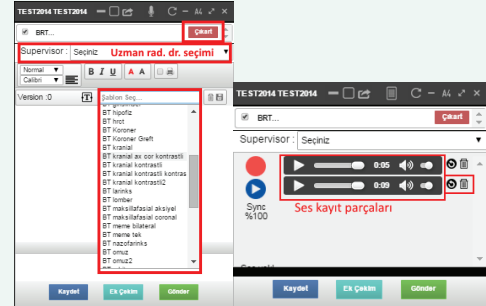
# Radiology Reporting

Medical images archived at any hospital can be reported by radiologists anywhere in the country.



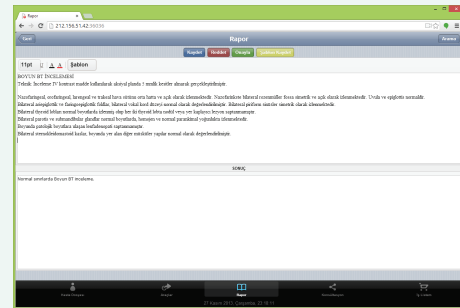
1

Radiologists check out the examinations for hospitals they are authorized to report as scheduled tasks.



2

Reports are inserted in written form or using voice templates.



3

Approved reports are transferred directly to the relevant hospital information system and are provided for clinicians access.



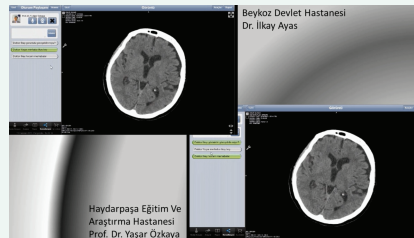
# Teleconsultation

Radiologists are able to review any inspection using teleconference interview with online remote radiologists.



1

Consultation request is sent to an online expert based on the subspecialty of the radiologist.



2

Peer screens move simultaneously during teleconference.

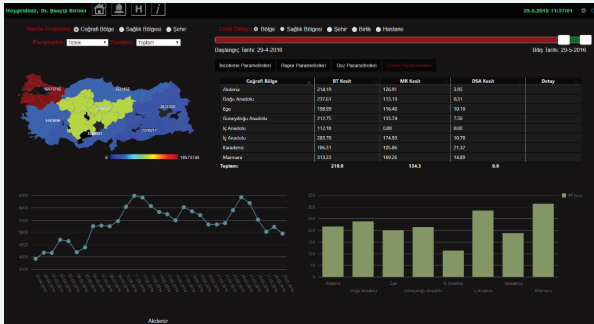


3

Doctors can communicate via voice and video call. Consultation sessions are also recorded in the patient record.

# System Monitoring and Statistics

System Monitoring and Statistics screens provide tracking various medical data based on hospital, city and region for the following data types



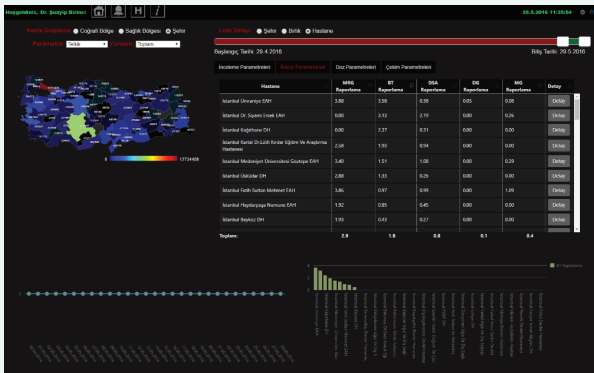
1 Total or Average number of inspections per person for each modality

2 Report turnaround durations

3 Average number of slice imaging for CT, Angiolo-  
gy and MR applications

4 CT effective dose ratios

5 Quality measures



# Inspection Query

T.C. S.B. TELETIP x

https://teletip.saglik.gov.tr

Arama ? Sonular

### Ldap Kullanıcısı

**Arama** Geliřmiř Kayıtlı Gemiř

Anahtar Kelime:

Tarih Aralıęı: Seiniz

Bařlangı Tarihi: 11 / 03 / 2016

Bitiř Tarihi: 11 / 03 / 2016

BT  MRG  DG  DSA

MG  USG  KMD  ENDO

PET  NM  EKG  RE

RP

řehir: řehir

Birlik:

Hastane:

Durum: Tümü

Radyolog: Seiniz

Öncelik:  NORMAL

**Temizle** **Ara**

Henüz Arama Yapılmadı

Arama Detay Dosya Aralar Konsültasyon

100

Filtrele

# Instant Access to Medical Data at Multiple Hospitals on a Single Screen

The screenshot displays a web-based medical data access interface. The browser address bar shows the URL `212.156.51.42:36036`. The interface is divided into several sections:

- Top Navigation:** Includes "Geri" (Back), "Hasta Dosyası" (Patient File), "Arama" (Search), "Görüntü" (Image), "Araçlar" (Tools), and "Kapat" (Close).
- Left Panel (Patient History):** Lists medical events with dates, times, and locations:
  - 08.11.2013 13:07:08 Dr. Siyami Ersek GKDC EAH ( US - Radyoloji )
  - 25.11.2013 16:15:30 Şile Devlet Hastanesi ( ECG - Radyoloji )
  - 08.11.2013 09:41:16 Fatih Sultan Mehmet EAH ( CT - Radyoloji )
  - 08.11.2013 08:51:32 Dr. Siyami Ersek GKDC EAH ( XA - Radyoloji )
- Central Panel (Patient Details):** Displays patient information for **SÜLEYMAN MENDERES** (MI 11340020), born 2004/08/24, at 12:32 PM on Tuesday, October 7, 2013. It includes a table of vital signs and an ECG trace.
- Right Panel (Medical Images):** Shows a large MRI brain scan (Sagittal view) and a grid of smaller CT scans (Chest and Spine).
- Bottom Panel (Navigation and Status):** Contains navigation icons for "Hasta Dosyası", "Araçlar", "Rapor", "Konsültasyon", and "Listem". The status bar at the bottom indicates the date and time: "27 Kasım 2013, Çarşamba, 22:51:04".

# Instant Access to Medical Data at Multiple Hospitals on a Single Screen

Rapor

212.156.51.42:36036

Geri Rapor Arama

Kaydet Reddet Onayla Şablon Kaydet

11pt Şablon

**BOYUN BT İNCELEMESİ**  
Teknik: İnceleme IV kontrast madde kullanılarak aksiyal planda 5 mmlik kesitler alınarak gerçekleştirilmiştir.

Nazofaringeal, orofaringeal, larengeal ve trakeal hava sütünü orta hatta ve açık olarak izlenmektedir. Nazofarinikte bilateral rozenmüller fossa simetrik ve açık olarak izlenmektedir. Uvula ve epiglottis normaldir. Bilateral ariepiglottik ve faringoepiglottik foliklar, bilateral vokal kord düzeyi normal olarak değerlendirilmiştir. Bilateral piriform sinüsler simetrik olarak izlenmektedir. Bilateral tiroid lobları normal boyutlarda izlenmiş olup her iki tiroid lobta nodül veya yer kaplayıcı lezyon saptanmamıştır. Bilateral parotis ve submandibular glandlar normal boyutlarda, homojen ve normal parankimal yoğunlukta izlenmektedir. Boyunda patolojik boyutlara ulaşan lenfadenopati saptanmamıştır. Bilateral sternokleidomastoid kaslar, boyunda yer alan diğer kaslar yapılar normal olarak değerlendirilmiştir.

**SONUÇ**

Normal sınırlarda Boyun BT inceleme.

Hasta Dosyası Araçlar Rapor Konsültasyon İç Listem

27 Kasım 2013, Çarşamba, 23:18:11

# Synchronous Endoscopy Video Sharing

Görüntü x

212.156.51.42:36036

Geri Hasta Dosyası Arama

Geri Görüntü Araçlar Kapat

Gizle

Hasta İstem Belge

Hastaya Ait Belgeler Yenile

21.11.2013 17:52:41 Ümraniye EAH ( TEMPLATE -  
Radyoloji )

amplate

FUJINON  
2013/11/18  
10:03:52

FOO  
GWF  
200

Hasta Dosyası Araçlar Rapor Konsültasyon İş Listem

27 Kasım 2013, Çarşamba, 22:30:15

1:26

# Image Transfer from any DICOM Compatible Medical Device

The screenshot displays a web-based medical software interface. At the top, a browser address bar shows the URL 212.156.51.42:36036. The main interface is divided into several sections:

- Left Panel:** Contains navigation buttons for "Geri", "Hasta Dosyası", and "Arama". Below these are tabs for "Hasta", "İstem", and "Belge". A section titled "Hastaya Ait Belgeler" (Documents related to the patient) lists two items: "26.11.2013 15:52:41 Ümraniye EAH ( GAST - Radyoloji )" and "30.09.2013 11:57:56 Ümraniye EAH ( CR - Radyoloji )".
- Top Right Panel:** Features a "Görüntü" (Image) section with a "Geri" button and a "Kapat" (Close) button.
- Main Display Area:** A 2x3 grid of endoscopic images. Each image is accompanied by technical data including patient name "AYŞE ESER", ID "1199374", date "26.11.2013 15:52:41", time "15:52:41", and device information "medicam | Hasta(9723) | ayşe eser | 26.11.2013 10:46:50".
- Bottom Panel:** Includes navigation icons for "Hasta Dosyası", "Araçlar", "Rapor", "Konsültasyon", and "İç Listem". A footer shows the date and time: "27 Kasım 2013, Çarşamba, 22:31:38".

# Accessibility for ECG Data

The screenshot displays a medical software interface with a patient's data and an ECG trace. The patient's name is SÜLEYMAN MENDERES, born on 06.08.1986. The ECG trace shows a regular rhythm with a heart rate of 75/min. The P-R-T intervals are 30°, 47°, and 37° respectively. The QRS, PQ, QT, and QTc intervals are 94 ms, 162 ms, 348 ms, and 391 ms. The interface also shows a list of other medical images on the left side.

**Gerçekleştirilen İşlemler:**

İsminin Soyadı:	<b>MENDERES</b>	Geburtsdatum:	<b>06.08.1986</b>	HF:	<b>75 /min</b>	RR:	<b>800 ms</b>	Validiert von:	
Vorname:	<b>SÜLEYMAN</b>	Geschlecht:	<b>Male</b>	P-Achse:	<b>30 °</b>	P:	<b>98 ms</b>		
PID:	<b>11340020</b>	Größe:	<b>0 cm</b>	QRS-Achse:	<b>47 °</b>	PQ:	<b>162 ms</b>		
Fall:	<b>--</b>	Gewicht:	<b>0 kg</b>	T-Achse:	<b>37 °</b>	QRS:	<b>94 ms</b>		
Datum:	<b>25.11.2013</b>	BD:	<b>-- / -- mmHg</b>			QT:	<b>348 ms</b>		
Zeit:	<b>15:15:30</b>	Ethnie:	<b>Undefined</b>			QTc:	<b>391 ms</b>		

**Auftrags-ID:** 556335071      **Auftrag:**

**Anm.:**

**Medikat.:**

**ECG Trace:** I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6. Scale: 1 mV, 1 s. Paper speed: 0.05-25 Hz, 50Hz/rolch. Resolution: 10 mm/mV, 25 mm/s.

**Footer:** AT 102: SCM 137:1.32 (070.0010959) / SemaServer 3.3.0 © 2011 Schiller AG, Schweiz Gedruckt am 26.11.2013 Seite 1 von 1

# Medical Report and Image Quality Control

The screenshot displays a web-based medical report application. The main interface is in Turkish and shows a patient's MRI scan. A central dialog box titled "Görüntü Kalite Kontrolü" (Image Quality Control) is overlaid on the scan. The dialog box contains five sections, each with three buttons: "Yeterli Değil" (Not Sufficient), "Yeterli" (Sufficient), and "Çok İyi" (Very Good).

**Görüntü Kalite Kontrolü**


- Sekans Protokolü**
  - Yeterli Değil
  - Yeterli
  - Çok İyi
- Anatomik Kapsama**
  - Yeterli Değil
  - Yeterli
  - Çok İyi
- Görüntüleme Düzlemleri**
  - Yeterli Değil
  - Yeterli
  - Çok İyi
- Kontrast**
  - Yeterli Değil
  - Yeterli
  - Çok İyi
- Çözünürlük**
  - Yeterli Değil
  - Yeterli
  - Çok İyi

The background interface includes a patient information panel on the left with fields for "İsim: SÜLEYMAN MENDERES", "Yapılan İstemi: Selektif Koroner Anjiyografi", and "Durum: Tetkik inceleniyor". It also features buttons for "Kaydet", "Reddet", "Onayla", "Metin", "Ses", "Bilgi", and "Şablon Kaydet". The main scan area shows a sagittal MRI slice of the brain with a grid of smaller slices below it. The bottom status bar indicates the date and time: "27 Kasım 2013, Çarşamba, 22:56:37".

# Multi-Platform Compatibility



# Accessibility for Patients



Kişisel Sağlık Sistemi

- Anasayfa
- Organ Bağışı
- Randevu
- Paylaşım
- Erişim Bilgilerim
- Mesajlarım
- Yardım

- Sağlık Tesisi Ziyaretlerim
- Reçetelerim
- Raporlarım
- Hastalıklarım
- Tahlillerim
- Görüntülerim

Ekle + Gösterim ⚙️

### Temel Sağlık Göstergelerim


Veri eklemek için ekle butonuna tıklayın...

Sağlık Profili

Gösterim ⚙️

### Temel Sağlık Grafiklerim

Veri eklemek için ekle butonuna tıklayın...



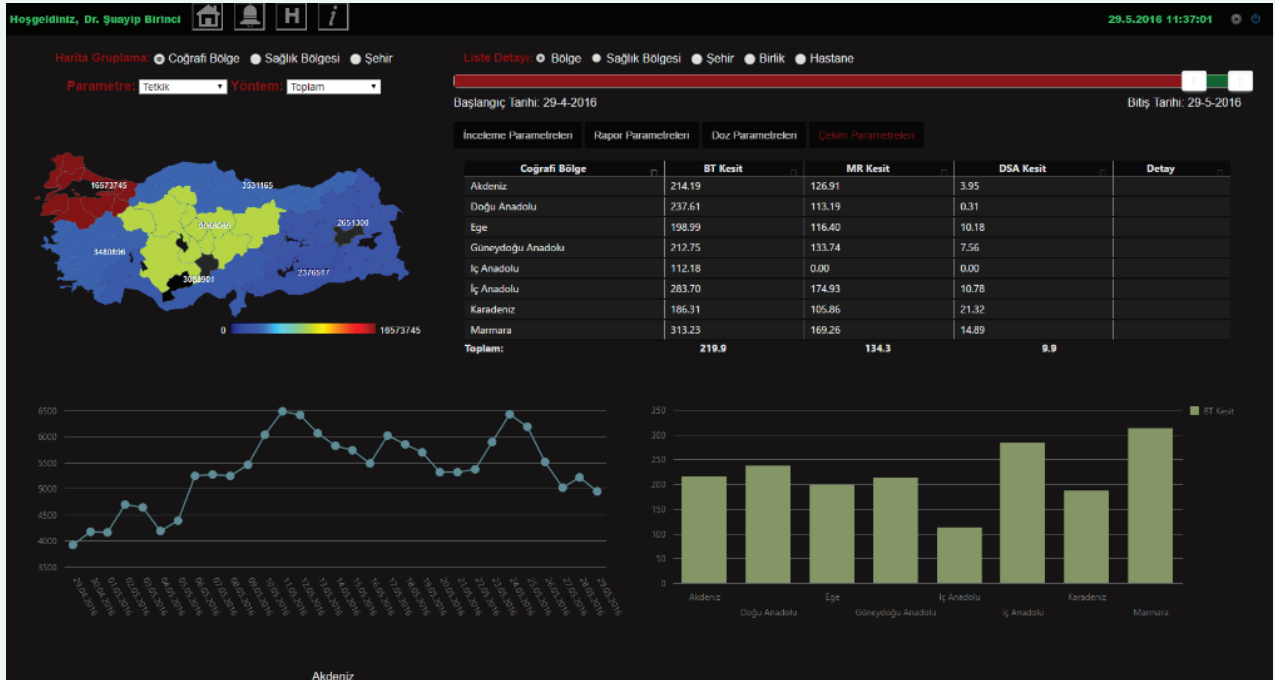
Aile Hekim  
41 Yaş  
Profil Düzenle ⚙️

Nisan

P	S	Ç	P
30	31	1	2
6	7	8	9
13	14	15	16
20	21	22	23
27	28	29	30
4	5	6	7

Bildir

# System Monitoring and Statistics





[teletip.saglik.gov.tr](https://teletip.saglik.gov.tr)



[prometbilisim.com](http://prometbilisim.com)





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