Elite Equipments Innovative Global Healthcare Solutions
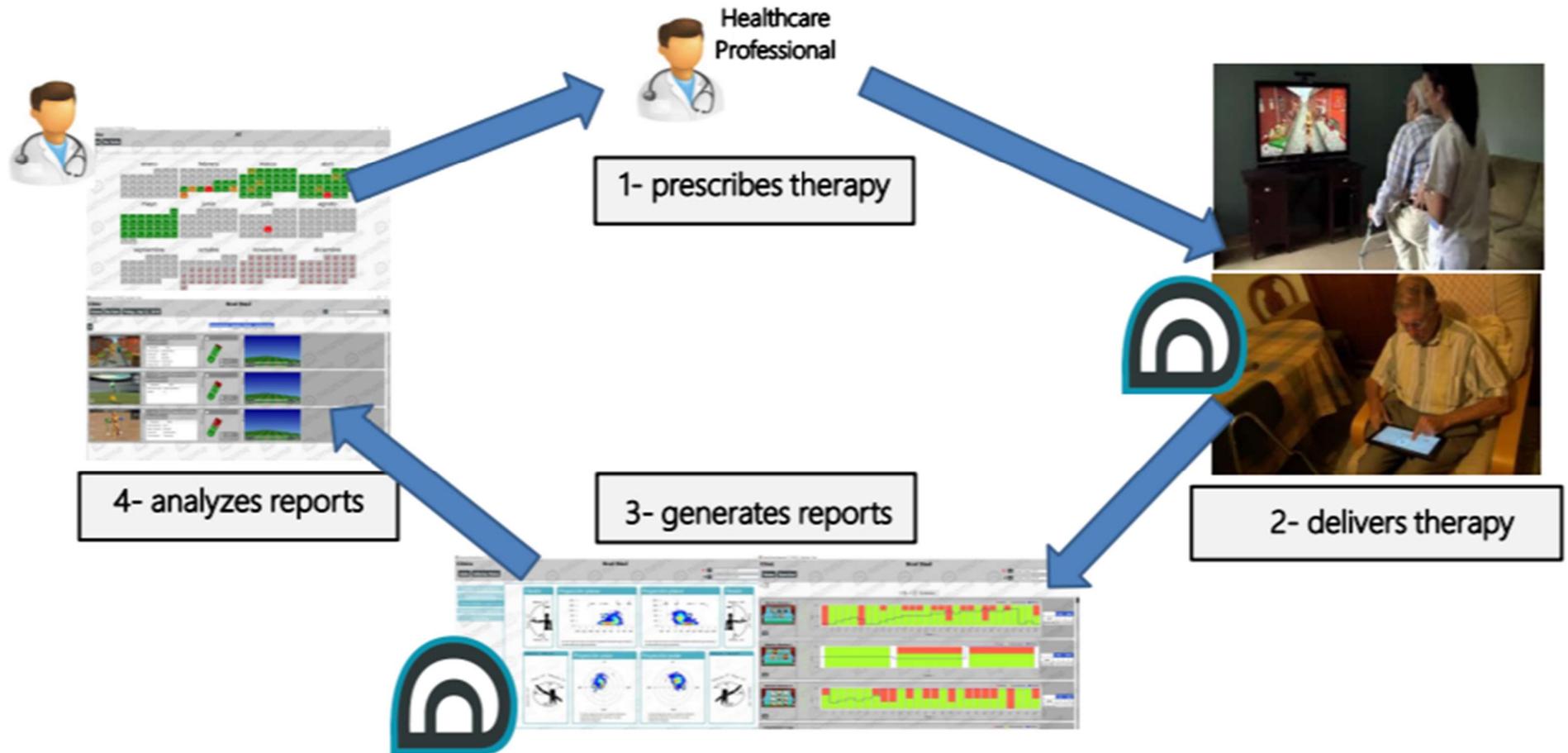
For Product Details & Enquiries Visit: www.eliteequipments.com

what is Virtual Rehab System?

quantifying rehabilitation across care settings

How does Virtual Rehab System work?

Healthcare Professional

1- prescribes therapy

2- delivers therapy

3- generates reports

4- analyzes reports

elite equipments

physical and cognitive
rehabilitation regardless of
location

100 fully-personalizable exercises

gamification for increased
engagement
and adherence

easy to use exercises

physical therapy

cognitive therapy

more than 50 physical exercises available

Balance

- Static Balance
- Dynamic Balance
- Unipodal Balance
- Unipodal Balance w/ step

Upper Extremity Range of Motion

- Shoulder Flexo-extension
- Shoulder Adduction-Abduction
- Elbow Flexo-extension

Lower Extremity Range of Motion

- Hip Flexo-extension
- Hip Adduction-Abduction
- Knee Flexo-extension

Displacements

- Lateral Displacements
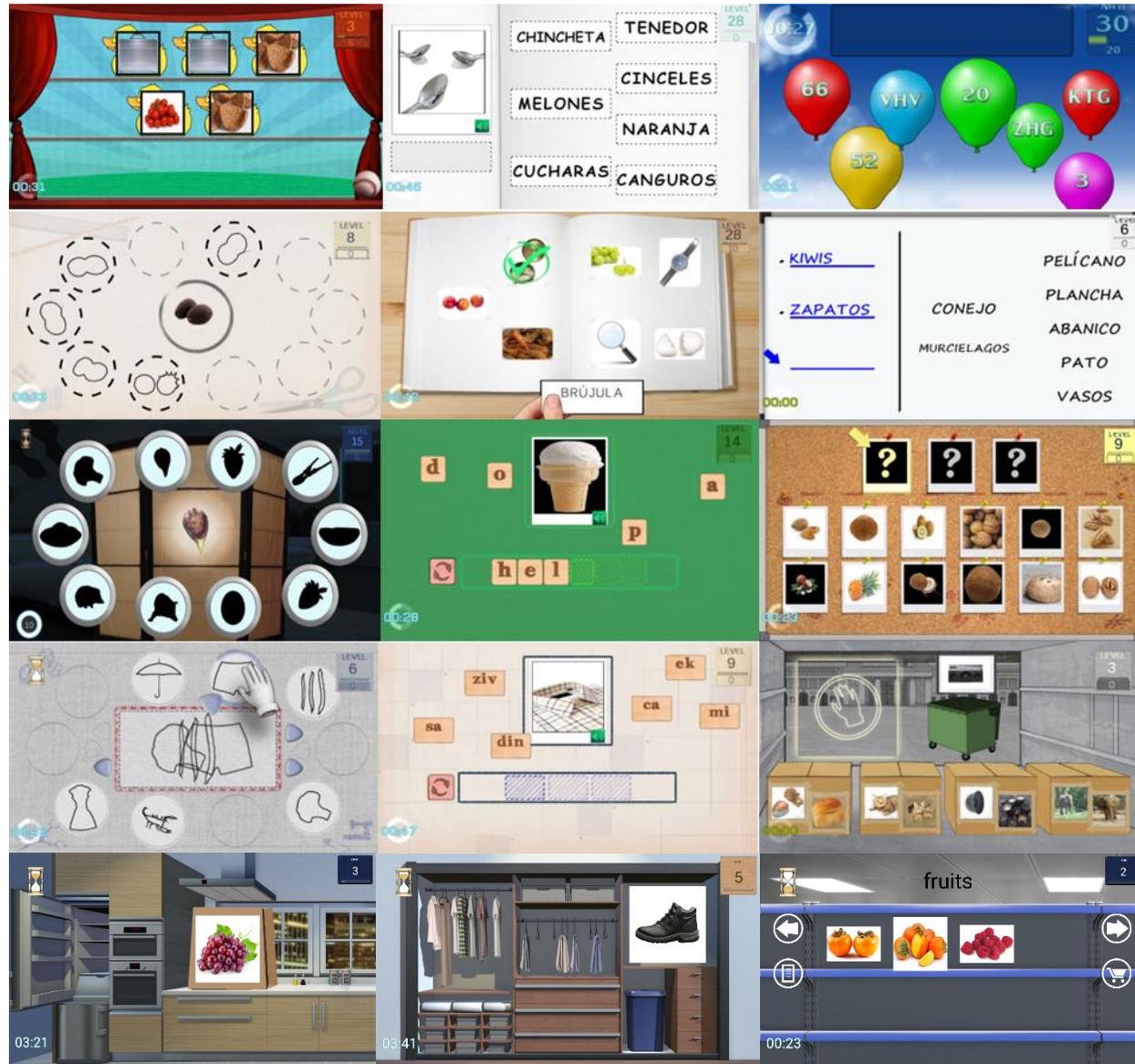- Static Gait
- Seated-Standing Transfer

Coordination

- Alternating Coordination
- Simultaneous Coordination
- Coordinated Shoulder Range of Motion
- Lower Extremity Coordination
- Upper Extremity Coordination
- Bimanual Coordination

Body Control

- Head Control
- Trunk Control
- Body Control

more than 50 cognitive exercises available

Attention

- Selective Atenttion
- Sustained Attention

Working Memory

- Visual Working Memory
- Verbal Working Memory
- Auditive Working Memory

Perception

- Simple Perception
- Complex Perception
- Simultagnosia

Language

- Comprehension
- Expression

Executive Functions

- Categorization
- Short-Term Memory
- Cognitive Flexibility
- Perceptive Integration
- 2D Spatial Orientation
- Progressive Sequencing
- Inverse Sequencing
- Calculation

Daily Life Activities

- Store your Food
- Order your Closet
- Find the Missing Ingredients
- Shopping
- Pay for your Shopping
- Check your Change

design treatment plans in 3-steps

COGNITIVE EXERCISES	
Attention	6
Memory	10
Language	7
Perception	9
Executive Functions	14
Daily Life Activities	12
TOTAL	58

PHYSICAL EXERCISES	
Balance	11
Coordination	10
Gait Initiation	5
Range of Motion	15
Body Control	11
Transfers	3
TOTAL	55

1- select exercise mix

64
Puntos: 0
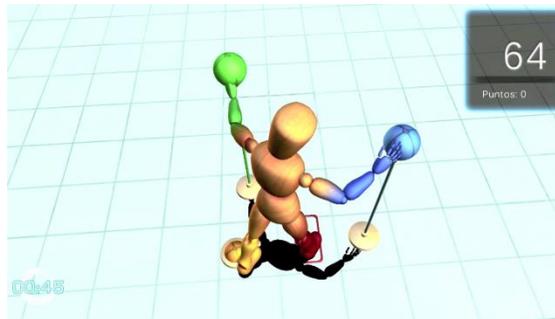
2- personalize exercises

Duration

Rest Time

Distractors

Time Pressure

Difficulty

Others...

CALENDAR

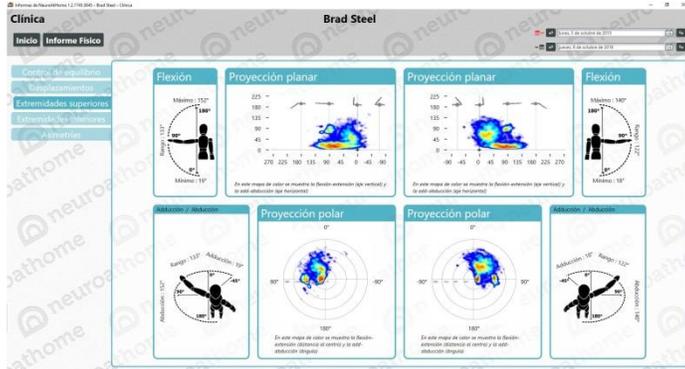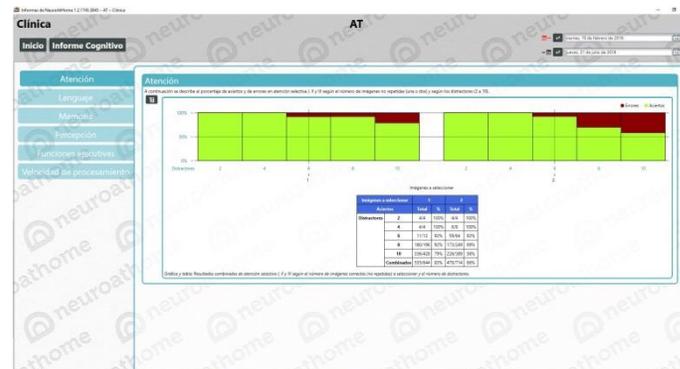|				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

3- schedule weekly sessions

measuring rehabilitation across care settings
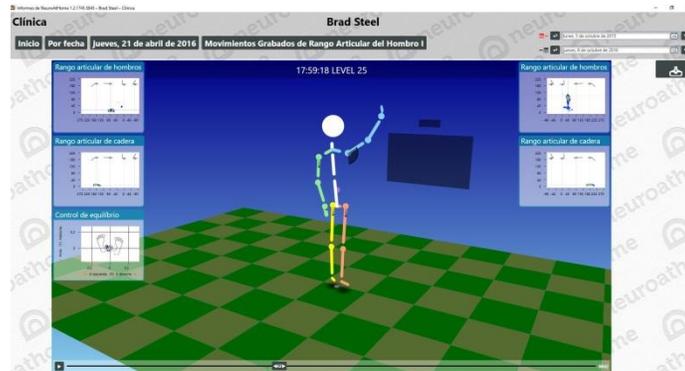

biomechanical report

cognitive report

progress analysis

recorded session
viewer
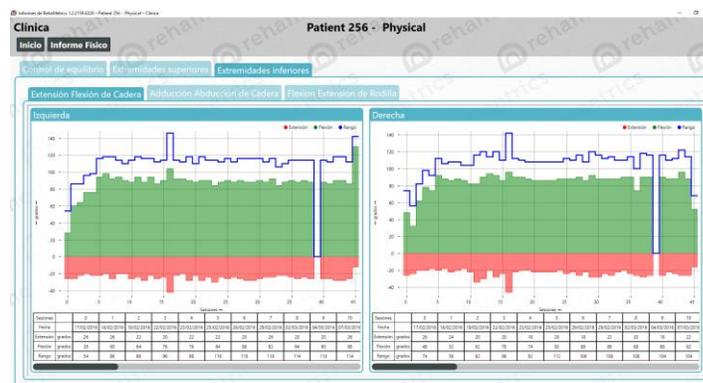
physical evolution analysis
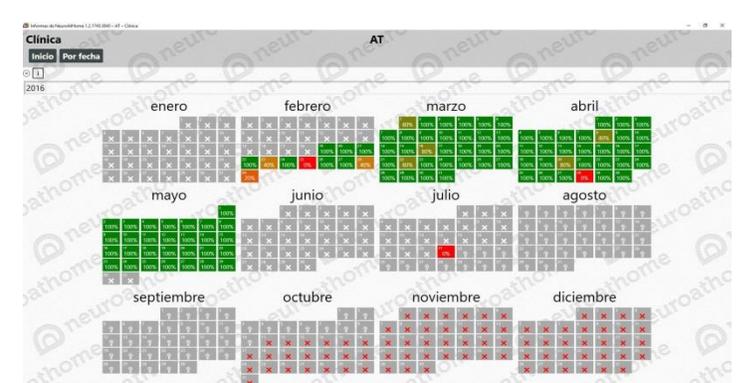
calendar view

pause / continue / stop the exercise

increase / decrease the difficulty

increase / decrease session time

enables clinicians to manage exercises without interrupting sessions

export reports to include in the patient´s EHR

generate progress reports
By using data collected during completed sessions

personalize reports
add your logo or a digital signature, delete pages and write in freestyle text boxes

recalculate report data
change the dates to obtain new reports for the selected dates

ready to print

export to PDF

multi-language support

Multi-User
Station

Healthcare
Professional

Session 1

Session 2

Session 3

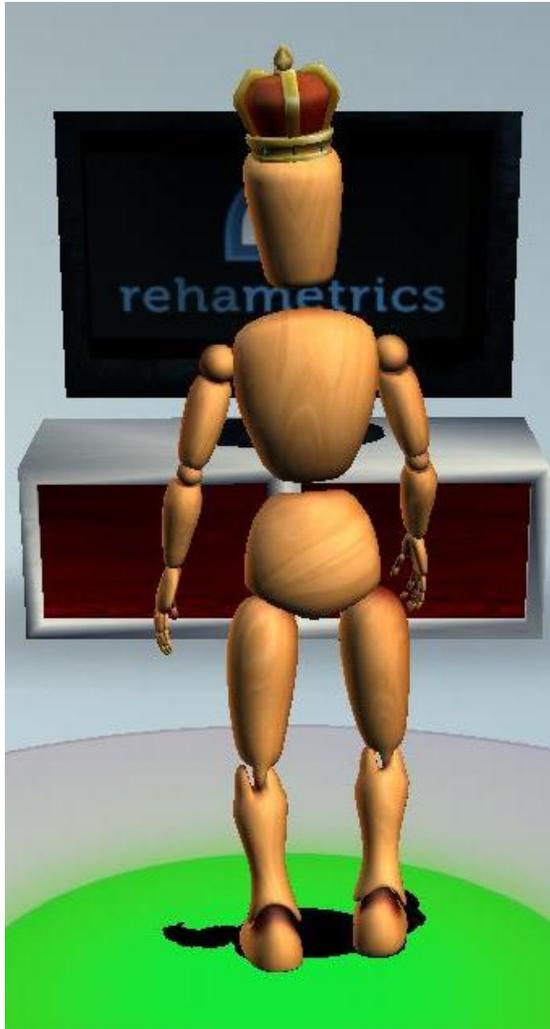## Currently Supported Languages

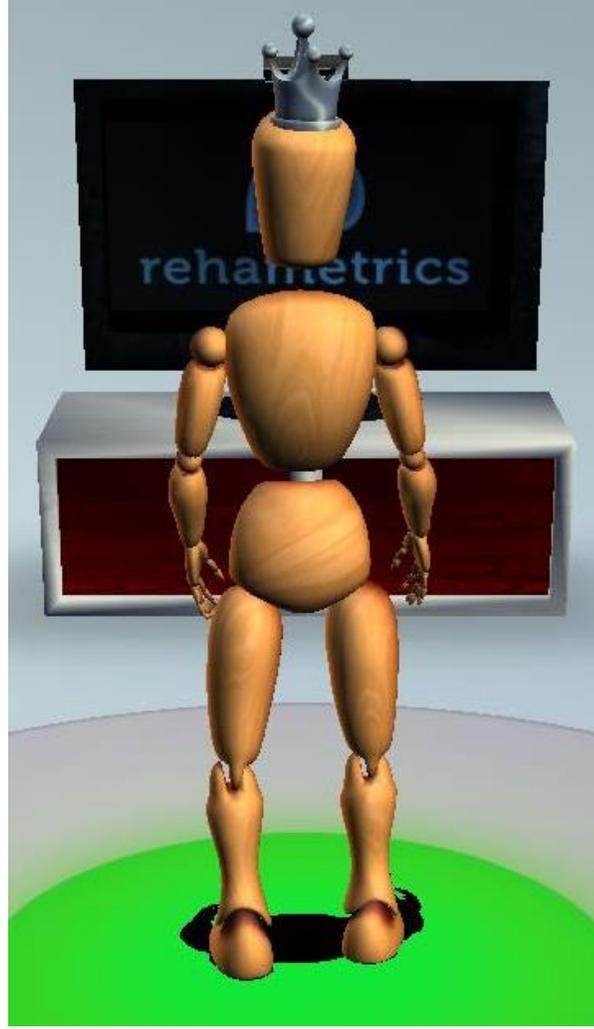English   Spanish   Italian   Russian   Portuguese   German   Polish
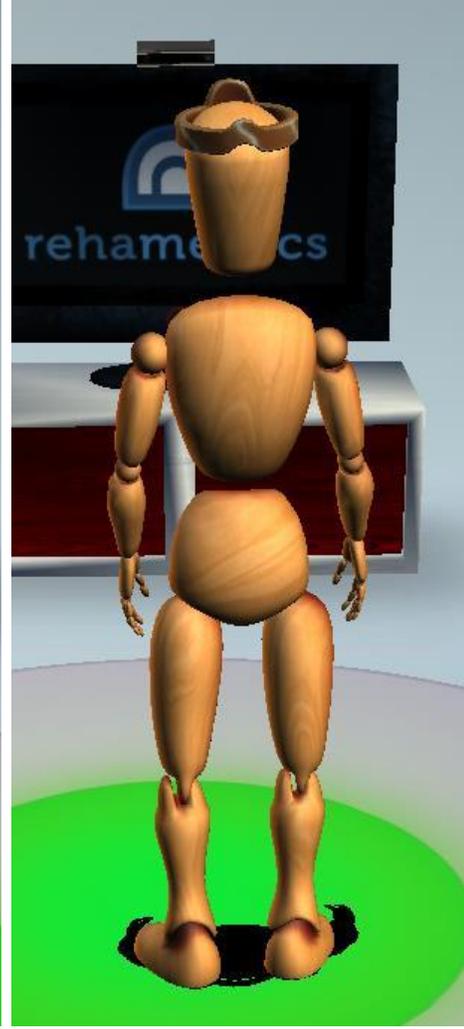
new game achievements

1st place   2nd place   3rd place

more motivation for everyone

patients that get the first three spots in the patient ranking will see how their avatar changes to reflect what they have achieved

crowns will appear on the avatar in all exercises using it

patients will maintain the crown as long as they remain in the top three spots in the ranking

rehabilitation across care settings

Treatment Stations

multi-user licenses

multiple users from the same station

mostly used in *clinical settings*

unlimited number of patients and sessions per station

Professional Station

Physical Multi-User Station

Cognitive Multi-User Station

single user from the same station

mostly used in *home settings*

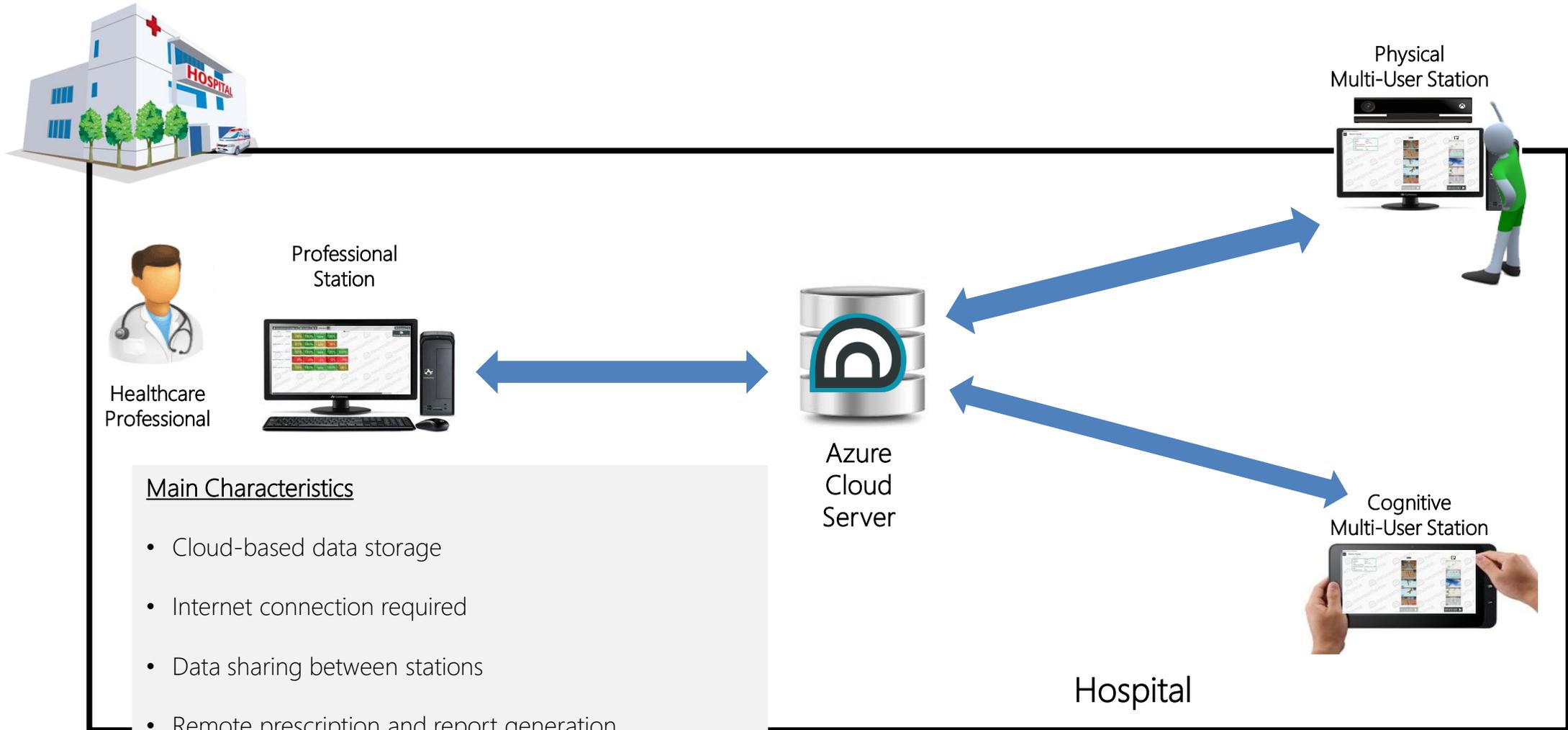unlimited number of sessions per station

Physical Personal Station

Cognitive Personal Station

personal licenses

option 1: increasing productivity in clinical settings

Physical
Multi-User Station

Professional
Station

Healthcare
Professional

Azure
Cloud
Server

Cognitive
Multi-User Station

Hospital

Main Characteristics

- Cloud-based data storage

- Internet connection required

- Data sharing between stations

- Remote prescription and report generation

- Weekly session scheduling

- A *completely offline version* is also available

option 2: managing treatments in remote clinical settings

Main Characteristics

- Cloud-based data storage

- Internet connection required

- Data sharing between stations

- Remote prescription and report generation

- Weekly session scheduling

Professional Station

Healthcare Professional

Azure Cloud Server

Hospital

Physical Multi-User Station

Assistant

Cognitive Multi-User Station

Remote Center

option 3: managing treatments in home settings

Main Characteristics

- Cloud-based data storage

- Internet connection required

- Data sharing between stations

- Remote prescription and report generation

- Weekly session scheduling
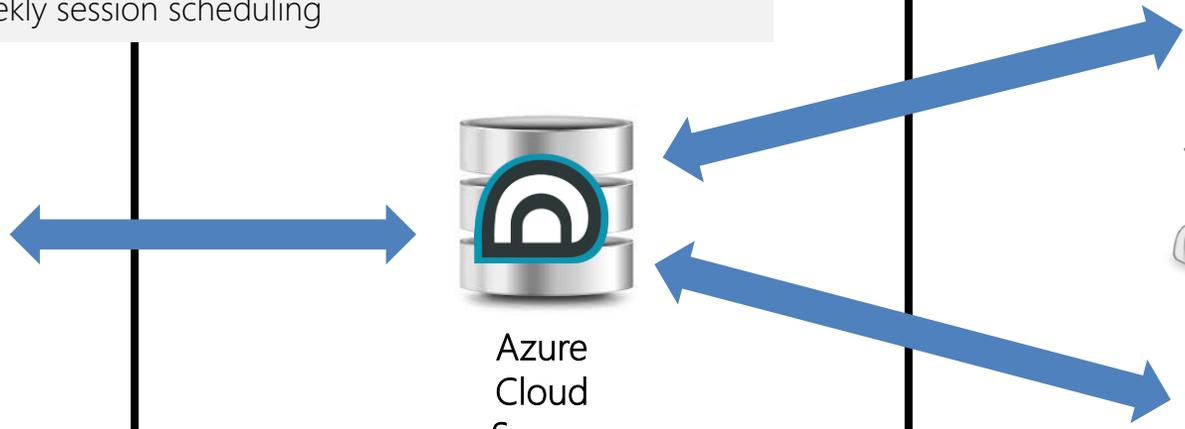
Healthcare Professional

Professional Station

Azure Cloud Server

Physical Personal Station

Home

Cognitive Personal Station

Home

Hospital