RSIM - Resuscitation Simulation

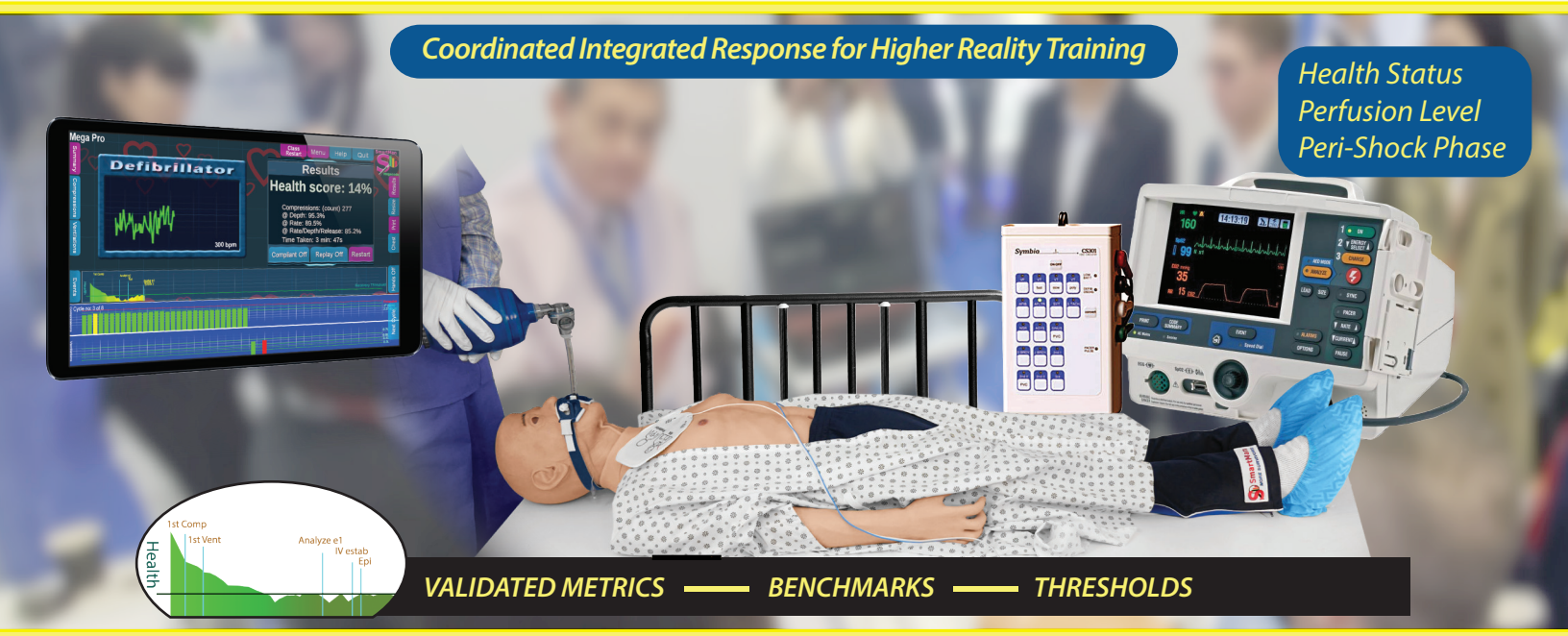
with eSERT Power

Team, Tasks, Codes

RS RSIM1

Integrates Skills, Tasks, Roles, and Team Dynamics

High Fidelity Full Body Resuscitation Patient Simulator Gives
Your Team Realistic Run Time Practice
Provides Objective Evidence for How the Team Can Improve



Optimizes Team Performance

Brings Team Direction and Team Roles Together with explicit instruction and objective analysis of how to improve performance for the patient.

AI Enhanced Analysis

Put AI Analysis to work for you and produce easy to understand graphs on objective performance and accurate data and timing for debriefing.

Includes eSERT Power

Shows You In Graphs What Your Data Means

Includes eSERT Power - the System that Collects, Cleans, Validates, and Organize Your Results Data. It Arranges and Displays your data so you simply concentrate on the trend and meaning.

Quickly Incorporate Ready Made Graphs Into Your Reports.

Real Time Patient Condition

- Real Time Health Status
- Maintenance Threshold
- Responds to Performance
- Shows Optimal Chance for ROSC
- Shows Influence of Fraction

Better Outcomes

Independent science shows SmartMan Trainer Systems have higher survival rates and survivors having a MUCH Higher Quality of Life.

Accurate & Objective
- SmartMan Makes a Difference

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RSIM - Resuscitation Simulation

Team, Tasks, Codes

Features Sheet 1 of 2

with eSERT Power

RS RSIM1

Based on SmartMan's Award Winning Color Feedback System
Build Best Practice Muscle Memory and Establish Competence in a Variety of Crucial Tasks
Meets and Exceeds ERC & AHA Requirements for 2020

TASKS

More Sensors with More Accurate Feedback
Because It Matters for Better Patients Outcomes

- **BLS CPR Skills Included (AHA Guidelines 2020)**
- **ALS CPR Skills Included (AHA Guidelines 2020)**
- Advanced Airway CPR
- Airway Management
- Mastering Intubation
- Mastering Use of BVM
- Changeover Efficiency
- Efficient Movement and Positioning
- I.O. Practice
- I.V. Practice (IV Arm is Optional)

KEY TASKS FEATURES

Understanding How Individual Performance Relates to the Condition of the Patient

- Raising Individual Skills
- Practice On Sub-Skills
- Focus On Delivering All Sub-Skills Together
- Setting and Attaining Required Thresholds
- Retention of Target Levels of Performance
- Seeing Relationship of Performance to Blood Flow to the Brain
- Seeing Relationship of Performance to Health Status of the Patient
- Seeing Influence of Performance on Whether They have a Better Chance to Achieve ROSC

POSITIVE-NEGATIVE PRESSURE AIRFLOW

ATFIS® ***The Only System with Life-Like Interactive Air Movement As The Chest Moves***

- Best Practice with True-to-Life Feel, Pressures, and Feedback for CPR on Intubated Patient
- Supporting Best Practice Training for Low Volume, High Density, Pitcrew, and CAM Protocols with Real Time Feedback
- Feel and Hear Misdiagnosed 'bucking-the-tube'

QCI- DATA MANAGEMENT

- Login Name and Class Control
- Data from all Activities Available and For Review at Later Time
- Add Comments to Results file
- Create, Zip, and Send All Files to an Email
- Export Data to Excel to Compare Results
- Archiving of Results Data

eSERT - CLOUD APP

Enhanced System For Emergency Response
Customized to Make Understanding Data Easy

- Setup of eSERT Power
- Subscription Fee for 1st & 2nd Year of eSERT
- Enabled for eSERT Data Analysis
- Customized Dashboard with 5 Pre-Setup Pages

Can Be Used With Your Real Defibrillator/Monitor

Metrics	Thresholds	Benchmarks
- Highest Quality Sensors	- Already Objectively Validated	- Quick to Set Up
- Validated In The Literature	- Built Into SmartMan Simulators	- Use to Show Improvement
- Based on Clinical Evidence	- Proven Relationship to Survival	- Use to Set Target Levels

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RSIM - Resuscitation Simulation

Team, Tasks, Codes

Features Sheet 2 of 2

with eSERT Power

RS RSIM1

Team Dynamics, Clear and Precise Communication, Objective Evidence Based Suggestions on How to Improve, Showing How It Influences the Patient

TEAM Focus on the Patient

Team members Skills being performed with the Time Running as it would be in a Real Situation

EFFECT ON PATIENT

Influence on the Patient for:

- Quality of Skills Performed
- How Quality Changes Condition of Patient
- Timeliness of All Skills
- Time from Onset, During, and End of Code
- Team Communication and Interaction

SPECIFIC FOCUS POINTS

- How Has the Team Influenced Cerebral Blood Flow
- How Has the Team Improved the Chance of Successfully Achieving ROSC
- How Has the Team Improved the Condition
- of the Patient
- What Specific Performance Area Can Be Improved
- How Skills Interact with Interruptions
- Leadership Skills and Roles

INTERACTIVE SIMULATIONS

- Simulations Respond in Real Time
- Display the Interaction of Skills With Various Clinical Aspects of the Patient
- Respond to Quality and Timeliness of Team Effort
- Calculate and Display Effect of Interruptions
- Display Performance Effect In Terms of the Thresholds of Performance
- Simulations are Single Click Turn On or Off
- Re-display on Review of Results

Team Optimization Course

Training in the What, When, How, and Why so the Code Runs Better for the Patient

- Procedures & Protocols Related to the Science
- Command Leader & Responder Roles Practiced
- Team Dynamics and Movement of Responders
- Integration of Training with Simulator & Software
- Hands-On Practice for 3 to 6 Person Code
- Easy Integration with Existing Code
- In-Depth Debriefing Report as Basis for Long Term Benchmarks
- Analysis in Terms of Patient Condition

CLS - CODE LEADERSHIP SYSTEM

The Role of Leadership during a Team Effort Where High Quality Skills Must be Performed within Tight Time Limitations

- Command Structure Made Explicit
- Team Leader Role Made Explicit
- Roles Defined By Number of Responders
- Develops Clear Communication Skills
- Develops Clear Closed Loop Communication
- Understanding for Roles in Different Protocols

AI AIDED ANALYSIS

AI Analysis and Summarizes Key Information in Simple to Understand Graphs

- Focus on what will have the Greatest Impact on the Patient
- Quick View Graphs and Tables For Evidence Based Debriefing
- Graphic Display of Peri-Shock Analysis
- Times and Quality from Analyse to Shock

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eSERT Power

Enhanced **S**ystem for **E**mergency **R**esponse **T**raining

VPS eSERT Power

eSERT Power Gives You Analyzed Data Examines Skills and Code Performance

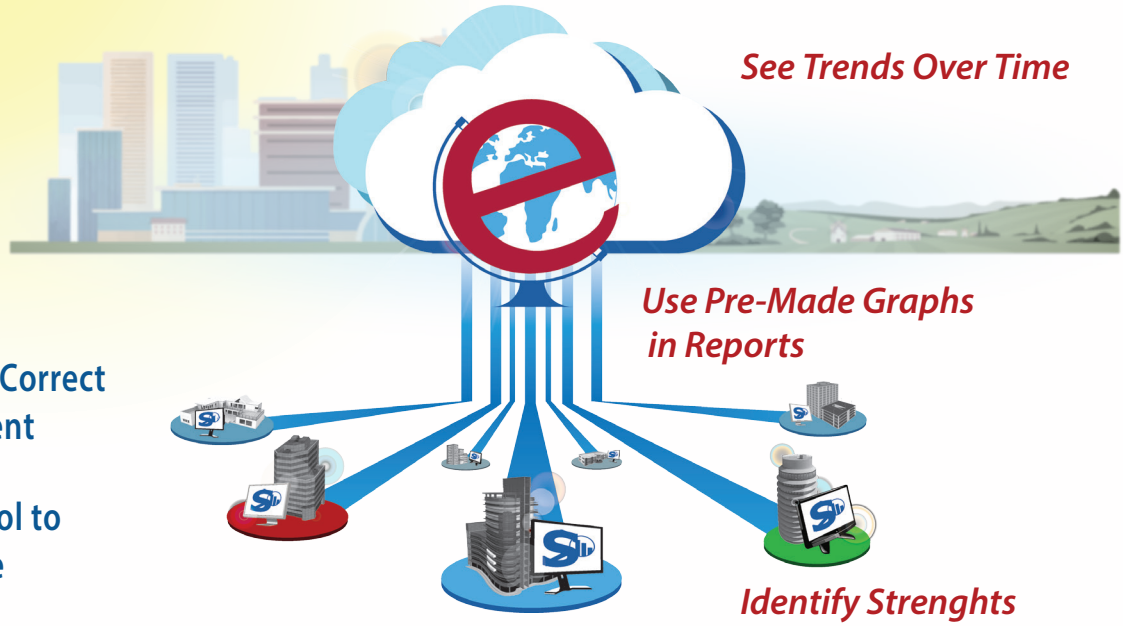
The ONLY System to provide accurate objective data related to your mock code training

eSERT Console Does the Hard Work

Does the Data Assembly Regardless of Where it is Located

Verifies Data Format is Correct and That it Has Been Sent

Administrative Control to Add User and Change Information



See Trends Over Time

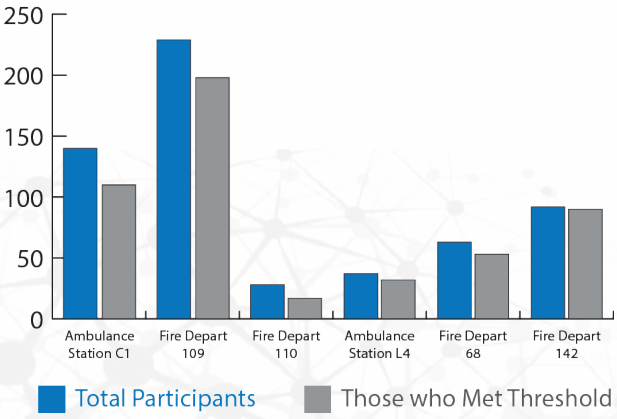
Use Pre-Made Graphs in Reports

Identify Strenghts

Compare How Well Emergency Response Teams are Performing

Quick View Graphs Built For You

- Our Experts Who Know the Data, Create the Graphs
- See How Performance Changes Over Time
- Immediately See Which Groups Perform Better



Easy To Use Dashboard

- Easy to Use - Single Click Filters
- Slider to Score Ranges
- Click to Set Date Range
- Click to Include or Exclude Groups
- Export PDF and Export as Tables

INCLUDES

- Initial Training on Setup and Use
- Customization of 5 Graphic Display Pages
- No Cost to Add Results from 9 More Manikins
- Up to 5,000 Results
- 24 Months of Server Time

eSERT Power is Included In RSIM Products

Note: *Requires Internet Connection*

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eSERT Power

VPS eSERT Power

eSERT Power Features

EFFICIENT

- Verifies Results Data Format
- Verifies Results Data Already Sent
- Verifies for Variations
- Only Sends New Data
- Can Run Live or at a Specific Time

COLLECTS

- Collects Results Data from All Manikins
- Collects From Any Locations
- Correctly Associates Different Login Names
- Corrects for Misspelled Logins and Nicknames

QUICK-ADD

- Add More Manikins to System
- Quickly Bring New Computer on Stream
- Bring New System Into Sync
- Perform on Any Manikin in the System

QUICK-VIEW

- Immediately See Overall Performance
- See How Performance Changes Over Time
- Identify Which Skills are Being Practiced
- Immediately See Which Groups Perform Better

DRILL-DOWN

- Set Date Range
- Click to Include or Exclude Groups
- Slide to set Maximum and Minimum Scores
- Export PDF and Export as Tables

Data eSERT Accurate

MANAGEMENT

- Add Users Whenever You Want
- Modify Personal and Professional Details
- Manage Employee Changes such as Transfers and Adding New Employees
- Make Users Active / Inactive

ADVANCED TEAM ANALYSIS

- Data on Mock Code Performance
- Records Scenarios Performed
- Includes Team Members
- Includes Roles Performed
- Includes Critical Events
- Shows Perishock Related Data

INCLUDED WITH RSIM1 and RSIM ARDS

INCLUDES

- Initial Training on Setup and Use
- Customization of 5 Graphic Display Pages
- No Cost to connect up to 10 Manikins
- 5,000 Performance Results
- 24 Months of Server Time

Requirements

- *Internet is Required for First Login.*
- *Internet is Required to Send Results Data.*
- *Internet is Not Required when Performing Activities*
- *PowerBI Login to View Displayed Pages*

Note: *Requires Internet Connection*

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