What is T-Res?

T-Res is a software system offered as a service on an annual subscription basis. It is used by learners, educators and directors with training programs where a depth and breadth of skills are required for learners to become competent practitioners. It supports activity documentation and feedback to ensure learners gain the skills needed and to optimize their learning.

Key elements that distinguish T-Res from other systems

- Gold-standard mobile applications. Core activities can even be completed offline.
- The flexibility to design the forms, reports, and processes needed.
- Integration of discipline-specific elements (e.g. the interventions performed by learners) with program-specific elements (e.g. the sites where learners work). This allows many training programs in the same discipline to share data entry forms and still manage the local elements.
- Branding. The most basic level allows an organization to show their name and logo on the banner of the web pages. More extensive branding is also available.
- Support for workplace-based assessment or competency-based education using elements like Entrustable Professional Activities (EPAs).
Two Options

All customers may choose to use the basic logbook capability or add the assessment functionality.

Logbook

The ‘simple’ logbook capability allows learners to document almost any kind of learning experience. For example:

- Interventions or procedures
- Diagnostic interactions or consultations
- Academic activities (independent or group learning and teaching)
- Interactions with a group of clients or patients
- Learning plans
- Reflections

Assessment

A program can add the assessment capability to the logbook capability in order to document observations, feedback, and/or competencies. This capability includes use of the system by educators as well as learners. The forms completed by the educators are created by T-Res, or the educator, and can be used to document feedback or any form of assessment for individual activities or, for instance, for a rotation.
Flexibility

Each customer has control over:

• What forms are included and what they are called
• What fields are on each form, the order they appear, how they are grouped and what kind of field is used (e.g. structured list allowing selection of more than one entry)
• What choices appear for fields used to select from a list or scale
• What fields are visible during an assessment
• How assessment forms are triggered — either randomized, by learner request, or whenever a form is saved
• What fields are visible to the learner

Limitations

The current version of T-Res, as of January 2019, has some limitations. Here are some examples:

• There are some limits to the number of different fields that can be included.
• T-Res does not include a scheduling component (other than for the delivery of reports). So, a learner or educator must start each document.
• The scale fields are always 5-point scales and the description for each anchor point is limited to 256 characters.

Examples

The following are examples of the way some customers use T-Res.

Memorial University Undergrad

In clerkship, the students document their learning activities and the feedback they receive from preceptors using EPAs. The preceptors simply confirm whether the students documented the feedback correctly.
University of British Columbia, Family Medicine

The Residents and Preceptors document experiences and feedback using a format known as *Field Notes*.

Canadian Urology Association

The CUA funds T-Res to be used in all the Urology training programs in Canada and brands it. This allows national data to be collected and used for benchmarks.

OMSNIC

A national insurance company in the US extensively brands and provides T-Res to roughly 100 Oral Maxillofacial surgery training programs. The Residents use the system to document their experiences in a consistent way.

Urology in France

T-Res has been used more successfully than any other system to provide a national logbook to all Urology residents in training. Information by individual and geographic area is available.