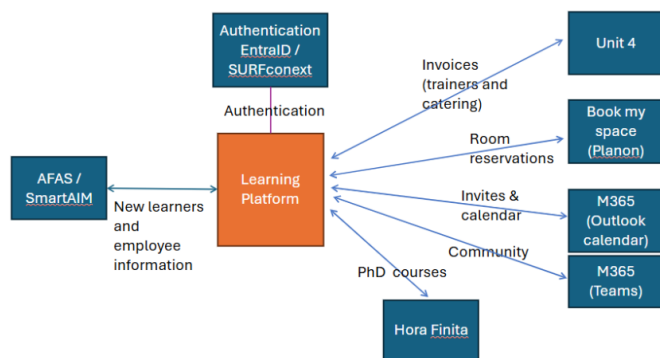


## Integrations Annex: Answer to questions 8, 57, 98, 121, 122, 147, 180.

In the Request for Proposal document the below diagram was shared with potential suppliers. This document provides more detail to support that diagram and to answer several of the questions which were submitted by potential suppliers. The integrations which are essential from go-live are described, as are the integrations which are desirable but not essential.

### Staff Learning Platform: Envisaged Integrations



### TU/e requires the following integrations from the go-live date:

#### AFAS

This is our HR system. The integration with AFAS will be the source of data on users. Expected data to be transferred includes: employee name from AFAS to learning platform, employee department from AFAS to learning platform, employee function from AFAS to learning platform; additionally, it may be desirable to transfer some limited learning data (e.g. completion of a mandatory training) from the learning platform to AFAS. In the future there could be links to employee performance records, annual reviews, etc. but this is not required at go live. AFAS is connected to SmartAIM for the purposes of distributing IAM data, but we do not believe a direct connection with SmartAIM is necessary. The connection to AFAS will be made via TU/e's middleware platform. Communication from and to the middleware platform will take place via Azure API Management. If an integration between SmartAIM and the learning platform for user provisioning is necessary, the middleware platform will map/transform the data into the format as required by the API of the learning platform.

#### EntraID or SURFconext

A connection with one of these applications is required for user login and authentication. This requires a direct connection, and does not go via TU/e's middleware platform. More information about SURFconext can be found here:

<https://servicedesk.surf.nl/wiki/spaces/IAM/pages/74220053/SURFconext>

### Microsoft Outlook and Teams

Integration with Microsoft Outlook is required to enable communications including training confirmations, reminders, feedback requests, and the creation of calendar invites. Calendar invites should also show rooms for in-person trainings; there is an existing integration between Outlook and our room reservation system (Planon) to facilitate this. Microsoft Teams integration will be used for community purposes, e.g. creation of a group based on a training; we understand the exact nature of its usage will depend on how the supplier develops community aspects of the platform. Microsoft Outlook and Teams require a direct connection, and do not go via TU/e's middleware platform.

**The following integrations could be developed if feasible, but are not essential:**

### Unit 4

Unit 4 is our finance platform. An integration with Unit 4 would allow invoices to be triggered via the learning platform. The connection to Unit 4 would be made via TU/e's middleware platform. Communication from and to the middleware platform would take place via Azure API Management.

### Hora Finita

Hora Finita is a PhD monitoring/tracking system. An integration with Hora Finita would allow automatic updates to be made to PhD candidate records to indicate when they have completed certain required trainings. The connection to Hora Finita would be made via TU/e's middleware platform. Communication from and to the middleware platform would take place via Azure API Management.

### Planon

Planon is our room reservation system. It is integrated with Microsoft Outlook. Because of this integration we find a connection with Microsoft Outlook sufficient for now. If there was to be a connection to Planon, it would be made via TU/e's middleware platform.

Communication from and to the middleware platform would take place via Azure API Management.